

Samp_No	Location	Description	SampleDate	EventID	Analysis	Result_Ung	Aluminum
085M-007\A55	Howardsville gage		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A55	Howardsville gage		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	7790	
085M-007\A55	Howardsville gage		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A56	Animas Abv Arrastra		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A56	Animas Abv Arrastra		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	9310	
085M-007\A56	Animas Abv Arrastra		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A58	Mouth of Arrastra		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A58	Mouth of Arrastra		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	5920	
085M-007\A58	Mouth of Arrastra		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A60	Animas blw Arrastra		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A60	Animas blw Arrastra		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	7730	
085M-007\A60	Animas blw Arrastra		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A61	Animas abv Boulder		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A61	Animas abv Boulder		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	9280	
085M-007\A61	Animas abv Boulder		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A64	Animas blw Boulder &		9/23/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A64	Animas blw Boulder &		9/23/2014	2014_SEP_ICPOE	Tot. mg/kg dry	9610	
085M-007\A64	Animas blw Boulder &		9/23/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A65	Animas opp. Power Hc		9/25/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A65	Animas opp. Power Hc		9/25/2014	2014_SEP_ICPOE	Tot. mg/kg dry	8190	
085M-007\A65	Animas opp. Power Hc		9/25/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A66	Animas @ Lakawanna		9/25/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A66	Animas @ Lakawanna		9/25/2014	2014_SEP_ICPOE	Tot. mg/kg dry	9190	
085M-007\A66	Animas @ Lakawanna		9/25/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A68			9/24/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A68			9/24/2014	2014_SEP_ICPOE	Tot. mg/kg dry	7700	
085M-007\A68			9/24/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-007\A72			9/24/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-007\A72			9/24/2014	2014_SEP_ICPOE	Tot. mg/kg dry	9960	
085M-007\A72			9/24/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A73	Animas upstream of El		9/25/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-008\A73	Animas upstream of El		9/25/2014	2014_SEP_ICPOE	Tot. mg/kg dry	6770	
085M-008\A73	Animas upstream of El		9/25/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A73B	Animas Dwnstream of		9/25/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-008\A73B	Animas Dwnstream of		9/25/2014	2014_SEP_ICPOE	Tot. mg/kg dry	6620	
085M-008\A73B	Animas Dwnstream of		9/25/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A75B	Animas Dwnstream of		9/24/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-008\A75B	Animas Dwnstream of		9/24/2014	2014_SEP_ICPOE	Tot. mg/kg dry	6640	
085M-008\A75B	Animas Dwnstream of		9/24/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A75CC	Mouth of Cascade Cr.		9/24/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-008\A75CC	Mouth of Cascade Cr.		9/24/2014	2014_SEP_ICPOE	Tot. mg/kg dry	4740	
085M-008\A75CC	Mouth of Cascade Cr.		9/24/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A75D	Animas upstream of C:		9/24/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		
085M-008\A75D	Animas upstream of C:		9/24/2014	2014_SEP_ICPOE	Tot. mg/kg dry	7660	
085M-008\A75D	Animas upstream of C:		9/24/2014	2014_SEP_TM_Mercu	mg/kg dry wt		
085M-008\A75EC	Mouth of Elk Cr.		9/25/2014	2014_SEP_ICPMS	Tot.ug/kg dry wt		

085M-008\A75EC	Mouth of Elk Cr.	9/25/2014 2014_SEP_ICPOE Tot.mg/kg dry	6560
085M-008\A75EC	Mouth of Elk Cr.	9/25/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-008\Animas @32nd Bridge		9/25/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-008\Animas @32nd Bridge		9/25/2014 2014_SEP_ICPOE Tot.mg/kg dry	5210
085M-008\Animas @32nd Bridge		9/25/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-008\Animas @Lightner Creek		9/24/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-008\Animas @Lightner Creek		9/24/2014 2014_SEP_ICPOE Tot.mg/kg dry	4710
085M-008\Animas @Lightner Creek		9/24/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-008\Animas @Purple Cliffs		9/24/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-008\Animas @Purple Cliffs		9/24/2014 2014_SEP_ICPOE Tot.mg/kg dry	4470
085M-008\Animas @Purple Cliffs		9/24/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-008\Bbridge		9/25/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-008\Bbridge		9/25/2014 2014_SEP_ICPOE Tot.mg/kg dry	8040
085M-008\Bbridge		9/25/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-009\JamesRanch		9/24/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-009\JamesRanch		9/24/2014 2014_SEP_ICPOE Tot.mg/kg dry	10600
085M-009\JamesRanch		9/24/2014 2014_SEP_TM_Mercu mg/kg dry wt	
085M-009\M34		9/24/2014 2014_SEP_ICPMS Tot.ug/kg dry wt	
085M-009\M34		9/24/2014 2014_SEP_ICPOE Tot.mg/kg dry	29100
085M-009\M34		9/24/2014 2014_SEP_TM_Mercu mg/kg dry wt	
A830-0729A55		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0729A55		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	11200
A830-0729A55		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-073CA56		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-073CA56		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	15100
A830-073CA56		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0731A58		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0731A58		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	7360
A830-0731A58		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0732A60		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0732A60		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	13400
A830-0732A60		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0733A61		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0733A61		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	13500
A830-0733A61		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0734A64		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0734A64		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	10700
A830-0734A64		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0735A65		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0735A65		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	13100
A830-0735A65		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0736A66		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0736A66		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	11700
A830-0736A66		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	
A830-0737A68		4/16/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0737A68		4/16/2014 2014_APP_ICPOE Tot.mg/kg dry	13000
A830-0737A68		4/16/2014 2014_APP_TM_Mercu mg/kg dry wt	

A830-0737A68	4/16/2014 2014_APP_TM_Merc ₁ mg/kg dry wt	
A830-0738A72	4/14/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0738A72	4/14/2014 2014_APP_ICPOE Tot. mg/kg dry	18900
A830-0738A72	4/14/2014 2014_APP_TM_Merc ₁ mg/kg dry wt	
A830-0739A73	4/15/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0739A73	4/15/2014 2014_APP_ICPOE Tot. mg/kg dry	40700
A830-0739A73	4/15/2014 2014_APP_TM_Merc ₁ mg/kg dry wt	
A830-074CA75D	4/15/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-074CA75D	4/15/2014 2014_APP_ICPOE Tot. mg/kg dry	29900
A830-074CA75D	4/15/2014 2014_APP_TM_Merc ₁ mg/kg dry wt	
A830-0741Bbridge	4/15/2014 2014_APP_ICPMS Tot.ug/kg dry wt	
A830-0741Bbridge	4/15/2014 2014_APP_ICPOE Tot. mg/kg dry	27300
A830-0741Bbridge	4/15/2014 2014_APP_TM_Merc ₁ mg/kg dry wt	

A830-0056A68	5/15/2012 2012_MAYICPMS Tot.ug/kg dry wt	
A830-0056A68	5/15/2012 2012_MAYICPOE Tot. mg/kg dry	9050
A830-0056A68	5/15/2012 2012_MAYTM_Merc ₁ mg/kg dry wt	
A830-0057A72	5/15/2012 2012_MAYICPMS Tot.ug/kg dry wt	
A830-0057A72	5/15/2012 2012_MAYICPOE Tot. mg/kg dry	12200
A830-0057A72	5/15/2012 2012_MAYTM_Merc ₁ mg/kg dry wt	
A830-006CA72	5/15/2012 2012_MAYICPMS Tot.ug/kg dry wt	
A830-006CA72	5/15/2012 2012_MAYICPOE Tot. mg/kg dry	12600
A830-006CA72	5/15/2012 2012_MAYTM_Merc ₁ mg/kg dry wt	

A830-0083A56	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0083A56	10/3/2012 2012_OCT_ICPOE Tot. mg/kg dry	10300
A830-0083A56	10/3/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0084A58	10/4/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0084A58	10/4/2012 2012_OCT_ICPOE Tot. mg/kg dry	6080
A830-0084A58	10/4/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0085A68	10/1/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0085A68	10/1/2012 2012_OCT_ICPOE Tot. mg/kg dry	15300
A830-0085A68	10/1/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0086A72	10/4/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0086A72	10/4/2012 2012_OCT_ICPOE Tot. mg/kg dry	21500
A830-0086A72	10/4/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0087A73	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0087A73	10/3/2012 2012_OCT_ICPOE Tot. mg/kg dry	11800
A830-0087A73	10/3/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0088A73B	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0088A73B	10/3/2012 2012_OCT_ICPOE Tot. mg/kg dry	31900
A830-0088A73B	10/3/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-0089A75B	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0089A75B	10/3/2012 2012_OCT_ICPOE Tot. mg/kg dry	48600
A830-0089A75B	10/3/2012 2012_OCT_TM_Merc ₁ mg/kg dry wt	
A830-009CA75CC	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	

A830-009CA75CC	10/3/2012 2012_OCT_ICPOE Tot.mg/kg dry	4700
A830-009CA75CC	10/3/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0091A75D	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0091A75D	10/3/2012 2012_OCT_ICPOE Tot.mg/kg dry	15600
A830-0091A75D	10/3/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0092BBRIDGE	10/3/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0092BBRIDGE	10/3/2012 2012_OCT_ICPOE Tot.mg/kg dry	37400
A830-0092BBRIDGE	10/3/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0093CC49	10/4/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0093CC49	10/4/2012 2012_OCT_ICPOE Tot.mg/kg dry	5310
A830-0093CC49	10/4/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0094A68	10/1/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0094A68	10/1/2012 2012_OCT_ICPOE Tot.mg/kg dry	16600
A830-0094A68	10/1/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0095M34	10/4/2012 2012_OCT_ICPMS Tot.ug/kg dry wt	
A830-0095M34	10/4/2012 2012_OCT_ICPOE Tot.mg/kg dry	22400
A830-0095M34	10/4/2012 2012_OCT_TM_Mercu mg/kg dry wt	
A830-0437A56	5/13/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0437A56	5/13/2013 2013_MAYICPOE Tot.mg/kg dry	8250
A830-0438A58	5/13/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0438A58	5/13/2013 2013_MAYICPOE Tot.mg/kg dry	6780
A830-0439A60	5/13/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0439A60	5/13/2013 2013_MAYICPOE Tot.mg/kg dry	9160
A830-044CA61	5/13/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-044CA61	5/13/2013 2013_MAYICPOE Tot.mg/kg dry	10600
A830-0441A64	5/14/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0441A64	5/14/2013 2013_MAYICPOE Tot.mg/kg dry	10500
A830-0442A65	5/14/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0442A65	5/14/2013 2013_MAYICPOE Tot.mg/kg dry	9250
A830-0443A66	5/14/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0443A66	5/14/2013 2013_MAYICPOE Tot.mg/kg dry	8370
A830-0445A68	5/14/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0445A68	5/14/2013 2013_MAYICPOE Tot.mg/kg dry	7650
A830-0446A72	5/14/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0446A72	5/14/2013 2013_MAYICPOE Tot.mg/kg dry	11800
A830-0447A73	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0447A73	5/15/2013 2013_MAYICPOE Tot.mg/kg dry	9220
A830-0448A73B	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0448A73B	5/15/2013 2013_MAYICPOE Tot.mg/kg dry	10600
A830-0449A73EC	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0449A73EC	5/15/2013 2013_MAYICPOE Tot.mg/kg dry	7930
A830-045CA73MC	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-045CA73MC	5/15/2013 2013_MAYICPOE Tot.mg/kg dry	4180
A830-0451A75B	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0451A75B	5/15/2013 2013_MAYICPOE Tot.mg/kg dry	7220
A830-0452A75CC	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	

A830-0452A75CC	5/15/2013 2013_MAYICPOE Tot. mg/kg dry wt	
A830-0453A75D	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0453A75D	5/15/2013 2013_MAYICPOE Tot. mg/kg dry	8550
A830-0454Bbridge	5/15/2013 2013_MAYICPMS Tot.ug/kg dry wt	
A830-0454Bbridge	5/15/2013 2013_MAYICPOE Tot. mg/kg dry	7360

Arsenic	Beryllium	Cadmium	Calcium	Chloride	Chromium	Copper	Dissolved (Dissolved)	(Flow
18000		7660			3520	203000		
			2900					
20200		11600			3600	244000		
	2.94		3550					
9800		5540			3270	333000		
		2340						
20400		9550			3880	262000		
		2730						
20500		4950			3550	286000		
	2.1		2630					
21300		7930			3550	264000		
	3		3840					
19400		6820			3760	271000		
		2830						
23700		9170			3700	243000		
		3180						
17500		10800			3730	216000		
		3040						
26800		3030			3010	133000		
		1970						
20500		2700			3500	113000		
		1870						
19900		2720			3680	98800		
		2110						
9220		1990			5010	67000		
		2050						
3080		164			6690	7890		
		5150						
17500		3730			3720	103000		
		2150						
6550		714			7290	13000		

		952		
8710	2100	2740	4440	55000
10300	3200	71200	5380	41300
6840	1100	32700	4190	19000
16200	4630	4070	4740	92000
18900	4970	3830	4830	108000
32700	1870	2340	2790	127000
22200	10900	4170	3260	334000
4.55				
33100	17800	7720	4720	432000
6.35				
14700	6470	3000	4850	79500
16400	5840	5250	6350	166000
19800	9020	4120	5280	638000
2.99				
18800	6250	3520	5150	199000
21800	10200	4600	5490	331000
2.16				
18300	18300	3700	4070	378000
2.24				
19100	15700	3950	4210	390000
2.82				

37000	1700		3450	145000
		1830		
33800	5600		2830	284000
4.2		2220		
28500	6750		4390	223000
3.66		3370		
25900	14600		4280	199000
3.51		6510		
25900	13400		4970	374000
		3280		
40600	2800		6100	152000
		2760		
35200	2790		5860	154000
		2940		
31900	4660		7470	
		4400		250
13300	9510		4180	
		3240		943
89500	24200		5690	
6.77		5890		745
36300	1810		4050	
		3750		179
25500	3640		4020	
		2300		223
39400	4240		5020	
3.24		4740		292
37200	10500		5160	
5.98		5700		413
2170	303		5860	

		7370		11.5
13200	4870		3730	
		2600		152
29700	18600		5210	
	4.85	6060		357
40600	595		4620	
		1330		55.6
108000	23500		5790	
	7.32	6520		791
21100	888		3440	
		5590		53.8
20300	12800		4650	267000
		2900		
9370	6230		3260	458000
		2590		
24400	14700		4860	286000
		2810		
44000	11300		4710	466000
	2.53	3360		
44200	11900		4420	336000
	2.77	3840		
30300	10300		4760	328000
		3100		
26900	8440		5680	257000
		3450		
26300	13700		5210	352000
		3060		
26100	1150		6410	77800
		2860		
31900	4100		5600	176000
		2710		
30400	3560		4720	140000
		1760		
8730	805		8660	13200
		1880		
6820	421		7250	5720
		3690		
13300	2650		5450	82700
		1970		
2990	157		6340	6120

18200	3880		4990	108000
		2120		
15900	2460		7380	116000
		11500		

Fluoride	Iron	Lead	Magnesium	Manganese	Nickel	pH	Potassium	Selenium	Silver
		1230000			5650				2990
	20900		4440	6660			432		
		1180000			7130				3620
	21700		4450	9250			422		
		1080000			3050				3390
	19900		4020	2680			416		
		1610000			6260				5960
	23400		4690	7460			423		
		1400000			6520				5230
	22800		4540	8210			498		
		1120000			6840				4880
	24500		4370	6850			488		
		1220000			6490				3610
	25000		4710	8180			435		
		1190000			7110				4810
	25700		4760	8190			453		
		1240000			6560				2900
	24000		4590	9430			423		
		499000			5330				1830
	42000		3580	3400			521		
		435000			5500				1240
	36800		3610	2780			522		
		540000			8160				1250
	35200		3610	2480			461		
		98000			6710				512
	20100		3320	2070			666		
		5210			7310				
	9700		3880	376			834		
		339000			8200				948
	30800		3580	3750			638		
		5290			37900				

14400	2460	708	632		
	186000		9770		1210
15300	2970	2220		523	
	92400		19500		1180
17800	6550	1150		708	569
	35500		10700		
14600	6250	399		723	
	244000		12100		1020
27200	3640	3970		741	
	290000		11900		1260
29900	3840	4250		839	
	237000		5930		896
89000	2520	1160		812	
	1040000		6760		1010
22900	3850	8060		505	5520
	1220000		9920		1620
40700	4550	12700		705	7640
	307000		3640		1320
34200	5050	1030		696	1410
	554000		9620		3480
33500	8200	3400		640	
	891000		8560		1100
32000	6130	6400		633	4280
	1050000		7440		3590
31400	6360	4920		477	
	900000		9900		3870
31600	6190	10300		591	
	1230000		10100		4130
31700	5250	20500		376	
	1080000		10300		4350
32400	5000	19700		409	

	470000			4330		1050	1680
74600		4080	1710		537		
	297000			7190			1350
109000		2240	7120		418		
	261000			13100		1060	1270
67900		2930	6900		724		
	248000			22000		1160	1330
62100		3220	13100		763		
29100	1890	4560	12200	8950		1290	7090
					797		
57500	581	4820	2710	6380		2030	1990
					885		
59300	582	5080	2910	6350		1720	1830
					851		
35600	1490	6160	3140	7610		1640	7150
					774		
20200	3580	3440	4820	3320		1000	12700
					518		
45300	3030	4260	22300	16500		2860	13300
					1120		
56900	542	5160	1470	4790		1830	2760
					1190		
51600	729	3870	4140	6840		1430	2320
					591		
70700	468	4620	2610	12100		2890	3090
					1140		
84500	435	3740	3820	16500		3260	2180
					1250		
				7740			816

9290		3300	329		780		
33700	231	3060	3010	9090	547	1400	724
68400	378	3540	10500	31600	1040	3100	1710
143000	282	2520	478	2850	807	747	2000
50600	3400	4610	21900	17100	1300	3220	15400
46500	129	6500	1430	4640	1130	1740	651
26100	1820000	5200	9760	5990	590	548	7060
20300	1860000	4410	4060	2810	500		9550
24400	2100000	5370	12600	7580	563		4050
27500	2120000	4950	11000	7190	701		7340
30000	1770000	4800	9670	7200	722	905	7140
28800	1840000	5020	12900	6680	624		5530
29600	1750000	5120	7830	5920	633		5060
28800	2180000	4290	10300	8760	587		9220
45800	299000	4270	1210	4880	682	1040	1300
55700	591000	3780	3320	6070	711	717	2780
67100	593000	3750	4340	9780	590		1650
19300	9620	2860	724	33500	697		529
12300	13600	2880	593	6220	568		
26000	354000	3460	2340	5930	588	588	1510
	5070			5980	625		

	367000		7270		1370
34400		4110	3730	719	
	328000		7360		1080
28200		5760	2130	1040	

Sodium Specific CoSulfate as % Solids	Temperature Total Organics Zinc	ACIDITY	Antimony Barium
			1670 102000
	1920		
			1640 129000
	3220		
			1480 56000
	1190		
			2190 91700
	2130		
			1760 76700
	2330		
			1690 101000
	2730		
			1670 89200
	1700		
			1940 118000
	2500		
			1760 128000
	2480		
			1390 93200
	858		
			1510 92800
	749		
			1580 113000
	659		
			1430 86900
	578		
			93000
	45.3		
			1220 107000
	1080		
			50700

142		
810	644	78500
529	772	153000
157		163000
1700	863	119000
1730	927	128000
666	1320	126000
3480	1340	111000
6200	1330	166000
1070		120000
1530		81000
2530	779	87500
1950	751	103000
2890	711	113000
4380	1040	165000
4890	1040	169000

616	961	113000
1450	1660	109000
2910	1050	134000
6030	1100	216000
3030	3080	173000
748	1570	137000
758	1480	134000
1450	1920	91100
1620	2560	149000
11500	6070	233000
646	1150	146000
1000	1400	108000
1720	1330	131000
5320	1690	125000
		84200

314	63.1	
		586 118000
1930		
		1070 173000
8670		
		1520 93000
195		
		6440 221000
12000		
		118000
270		
		2170 134000
2330		
		1940 127000
1260		
		2610 159000
3180		
		4320 130000
2840		
		3660 144000
3470		
		2910 130000
2590		
		2110 140000
1950		
		2570 163000
2830		
		727 109000
386		
		2050 180000
998		
		1540 128000
964		
		503 62400
126		
		75400
76.7		
		987 77000
672		
		71500

	1500	119000
1030		
	978	137000
2080		

Cobalt	Hardness	Mercury	Nitrate as Nitrogen	Nitrite as Nitrogen	Strontium	Thallium	Total Alkalinity	TOTAL Dissolved Solids
10800							37.6	
			0.04					
13200							1110	
							37.5	
			0.06					
7290							1120	
							28.9	
			0.06					
11000							27.2	
10500			0.07				25.5	
11800				0.05			50.1	
11100				0.13			27.1	
12200				0.03			34.6	
12100				0.05			30.5	
13600				0.02			40.6	
10800				0.05			32.9	
11900				0.02			29.9	
10100				0.04			21.8	
5670							17.8	
17200							1140	
							35	
24000							552	

		4.73
8730		23.8
7440		260
5150	0.04	121
17200	0.04	39.6
17800	0.02	39.1
25400	0.04	42.4
	0.05	
9810		49.2
15600	0.135	533
8750	0.171	84
16200	0.013	657
13600	0.033	55.4
14000	0.091	47.4
16100	0.053	38.1
19800	0.073	34.5
19500	0.06	47.5
		45.6
		46

	0.056	
9810		38.1
	0.039	
34700		36.8
	0.036	
35900		52.4
	0.038	
50000		79.4
	0.043	
13500		39.4
	0.081	
15600		1590
	0.072	53
16500		613
	0.066	53
14200		45
	0.17	
9650		1200
	0.31	41.5
18400		655
	0.19	87.3
10600		72.2
	0.06	
16600		35.7
	0.05	
17700		78.9
	0.09	
27700		90.1
	0.07	
5940		

		24.4
17000	0.02	
60500	0.04	39.1
3790	0.06	88.2
20600	0.06	42.8
14300	0.23	542
10100	0.02	91.3
6650		71.9
13000		0.02
14400		27.8
11500		627
11800		30.5
10200		36.4
11100		26.2
8470		39.6
13700		30.1
19200		29.5
20700		36.4
4930		44.2
9570		41.7
4740		31.2
		8.93
		10.8
		24.3

15200	28.9
9700	51.6

TOTAL SUS Vanadium Ammonia as N

13700

13400

12600

14300

14300

14400

15500

14700

14800

16400

16300

16200

14200

11200

14500

7780

11300

19900

13300

15000

15500

16300

12900

16400

20500

21700

18300

18900

18600

16000

16000

22200

22800

19000

18900

18000

26000

25000

19300

9440

13400

20600

16900

21200

21500

8210

11700

19800

27800

14900

18200

15400

11500

15000

15600

12800

15000

18600

14500

23200

21000

19800

7660

8380

13200

7650

15600

15300

Samp_No	Location	SampleDate	EventID	Analysis	Result_Ung	Aluminum	Arsenic	Beryllium
085M-060:A55		9/24/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			238	
085M-060:A55		9/24/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	143			0.1
085M-060:A55		9/24/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-060:A56		9/24/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			141	
085M-060:A56		9/24/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	91.8			0.09
085M-060:A56		9/24/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A60		9/25/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			130	
085M-061:A60		9/25/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	120			0.1
085M-061:A60		9/25/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A68		9/25/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			631	
085M-061:A68		9/25/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	212			0.1
085M-061:A68		9/25/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A72		9/25/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd				
085M-061:A72		9/25/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	261			
085M-061:A72		9/25/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A73		10/16/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			208	
085M-061:A73		10/16/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	251			
085M-061:A73		10/16/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A75D		10/16/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd				
085M-061:A75D		10/16/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	78.4			
085M-061:A75D		10/16/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A75CC		10/16/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			194	
085M-061:A75CC		10/16/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	50.5			
085M-061:A75CC		10/16/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A75EC		10/16/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			181	
085M-061:A75EC		10/16/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	225			
085M-061:A75EC		10/16/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:BBRIDGE		9/26/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd				
085M-061:BBRIDGE		9/26/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	114			
085M-061:BBRIDGE		9/26/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
085M-061:A45		10/11/2014	2014_NOV_MaICPMS	Tot.ug/kg as rcvd			221	
085M-061:A45		10/11/2014	2014_NOV_MaICPOE	Tot.mg/kg as r	247			0.2
085M-061:A45		10/11/2014	2014_NOV_MaTM	Mercu mg/kg as rcvd				
A830-0372A75B		10/20/2012	2012_NOV_InveICPMS	Tot.ug/kg dry wt				
A830-0372A75B		10/20/2012	2012_NOV_InveSolids	, Dry % by Weight				
A830-0372A75B		10/20/2012	2012_NOV_InveTM	Mercu mg/kg dry wt				
A830-0253A68		10/3/2012	2012_NOV_InveICPMS	Tot.ug/kg dry wt			5860	
A830-0253A68		10/3/2012	2012_NOV_InveSolids	, Dry % by Weight				
A830-0253A68		10/3/2012	2012_NOV_InveTM	Mercu mg/kg dry wt				
A830-0254Bbridge		10/3/2012	2012_NOV_InveICPMS	Tot.ug/kg dry wt			8690	
A830-0254Bbridge		10/3/2012	2012_NOV_InveSolids	, Dry % by Weight				
A830-0254Bbridge		10/3/2012	2012_NOV_InveTM	Mercu mg/kg dry wt				
A830-0255A56		10/3/2012	2012_NOV_InveICPMS	Tot.ug/kg dry wt			18600	
A830-0255A56		10/3/2012	2012_NOV_InveSolids	, Dry % by Weight				
A830-0255A56		10/3/2012	2012_NOV_InveTM	Mercu mg/kg dry wt				
A830-0256M34		10/3/2012	2012_NOV_InveICPMS	Tot.ug/kg dry wt			2350	

A830-0256M34	10/3/2012 2012_NOV_InveSolids, Dry % by Weight	
A830-0256M34	10/3/2012 2012_NOV_InveTM_Mercumg/kg dry wt	
A830-0257A72	10/3/2012 2012_NOV_InveICPMS Tot.ug/kg dry wt	6850
A830-0257A72	10/3/2012 2012_NOV_InveSolids, Dry % by Weight	
A830-0257A72	10/3/2012 2012_NOV_InveTM_Mercumg/kg dry wt	
A830-0909Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0909Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	91
A830-0909Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0909Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0910Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0910Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	139
A830-0910Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0910Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0911Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0911Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	50.1
A830-0911Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0912Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0912Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	46
A830-0912Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0912Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0913Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0913Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	210
A830-0913Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0913Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0914Fingerling :	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0914Fingerling :	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	238
A830-0914Fingerling :	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0915Fingerling :	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0915Fingerling :	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	97.6
A830-0915Fingerling :	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0916Fingerling :	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	719
A830-0916Fingerling :	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	170
A830-0916Fingerling :	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0916Fingerling :	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0917Fingerling :	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	513
A830-0917Fingerling :	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	159
A830-0917Fingerling :	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0917Fingerling :	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0918Fingerling :	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0918Fingerling :	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	25
A830-0918Fingerling :	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0918Fingerling :	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	
A830-0919Adult #11	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0919Adult #11	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	72.1
A830-0919Adult #11	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0919Adult #11	9/25/2014 2014_DEC_Fish_TM_Mercumg/kg dry wt	

A830-092C	Adult #12	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-092C	Adult #12	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	137
A830-092C	Adult #12	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-092C	Adult #12	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0921	Adult #13	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0921	Adult #13	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	39.4
A830-0921	Adult #13	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0921	Adult #13	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0922	Adult #14	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0922	Adult #14	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	205
A830-0922	Adult #14	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0922	Adult #14	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0923	Adult #15	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0923	Adult #15	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	98.4
A830-0923	Adult #15	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0923	Adult #15	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0924	Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0924	Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	44.5
A830-0924	Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0924	Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0925	Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0925	Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	43.3
A830-0925	Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0925	Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0926	Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	597
A830-0926	Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	64.7
A830-0926	Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0926	Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0927	Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	859
A830-0927	Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	146
A830-0927	Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0927	Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	
A830-0928	Howardsvi	9/25/2014 2014_DEC_Fish_ICPMS Tot.ug/kg dry wt	
A830-0928	Howardsvi	9/25/2014 2014_DEC_Fish_ICPOE Tot.mg/kg dry	72.6
A830-0928	Howardsvi	9/25/2014 2014_DEC_Fish_Solids, Dry % by Weight	
A830-0928	Howardsvi	9/25/2014 2014_DEC_Fish_TM_Mercu mg/kg dry wt	

Cadmium	Calcium	Chloride	Chromium	Copper	Dissolved (Dissolved)	Flow	Fluoride	Iron
414			478	8040				
	139							160
347			440	5790				57.9
	109							
545			703	19500				73.4
	94.5							
1160			834	18000				986
	158							
204			649	11500				1190
	98.8							
281			610	9980				847
	162							
235			978	4520				105
	74.3							
156			550	1800				40.8
	149							
667			641	2820				62.4
	153							
478			615	5280				156
	124							
864			425	15100				112
	160							
2490			7970	46900				
7960			7700	170000				
19200			5190	193000				
8370			5280	143000				
1050			5240	80600				

1180		4310	157000	
1120		3820	10300	
	14000			71
1320		3380	11100	
	18300			77
716		3430	7870	
	15200			44.8
509		3860	6100	
	15300			92.8
1330		3740	11700	
	17700			115
935		3790	14000	
	13700			150
884		3700	10000	
	15100			68.7
737		3510	12600	
	16500			264
1260		3530	13200	
	17300			104
697		3680	6750	
	15800			37.6
1220		2590	6310	
	17600			66.7

945		3670	11300	
	14500			125
583		3550	6930	
	16400			60.8
1070		3060	14200	
	14800			201
1110		3430	16900	
	16700			56.8
1010		3640	12100	
	14900			64.6
1060		3200	12500	
	18200			43.8
742		3080	13900	
	14100			74.7
836		3120	20100	
	11700			98.5
1670		3350	15600	
	20300			85.7

Lead	Magnesium	Manganese	Nickel	pH	Potassium	Selenium	Silver	Sodium	Specific Co
5670	105	66.6		135		843	202		409
2630	88.9	31.2		70.4		891	256		473
5250	108	25.6				1190			552
7570	146	60.5		155		1260	265		669
2270	108	17.3				1190			614
2020	96.3	32.6		173		818			469
689	81.8	50.6				1040			560
	93.7	37.5		267		850			450
38.6	138	17		682		1070	504		535
761	111	76.6		477		1230			662
5570	69.8	88.2		128		622			330
4820						2370			
323000						1250			
124000						1990			
400000						1860			
75000						1710			

146000

1780	1160	26.7	817	15700	2550	3780
1920	1200	41.6	617	15700	2750	3800
1280	1170	23.4	731	14800	2030	3940
2760	1200	25.7	759	15400	1760	3720
3240	1270	47.2	529	16400	2150	4270
3760	1220	48.3	906	16400	1690	4370
1730	1190	30.5	588	15300	1570	3700
5030	1240	47.3	771	16900	1720	4080
3800	1190	38	797	15600	2390	3900
709	1200	16.3	884	16500	1840	3940
2390	1130	35.6	2060	13700	1390	3080

4480			1610		2500	
	1270	45.5		14000		3210
3870			1200		2130	
	1110	39.9		14600		3310
9750			1390		1600	
	1150	156		16100		3820
1480			1050		4240	
	1130	25.7		12700		3060
2180			8230		2300	
	1050	39.6		14400		3560
1320			828		3090	
	1090	38.4		13400		2970
4270			634		1770	
	1100	29.5		15100		3510
3670			713		2530	
	1040	25.3		14600		3140
2240			550		2840	
	1140	45.1		14700		3410

Sulfur Content	Temperature	Total Organics	Zinc	% Solids	ACIDITY	Antimony	Barium	Cobalt	Hardness
							1280	166	
			111						
						639		51.6	
			99.8						
						735		60	
			108						
						4190		174	
			240						
						1720		127	
			49.9						
						1790		193	
			59.3						
						2050		446	
			56.2						
						2280		749	
			34.4						
						2400		2410	
			58.4						
						2120		669	
			106						
						1340		174	
			145						
						1220000			
						17.4			
			2070000						
						23.3			
			7790000						
						19.6			
			2140000						
						33.8			
			192000						

	29.7	
268000		
	27.5	
		546
244		
	22.6	
		565
		103
247		
	22.4	
		527
192		
	21.9	
		612
137		
	22.8	
		847
		111
228		
	21.9	
		829
212		
	21.4	
		674
		122
233		
	21.9	
		805
		131
202		
	21.3	
		924
		128
291		
	22.9	
166		
	22.1	
		730
		121
153		
	26.1	

		1190	162
174	25.8		
		122	
139	26.2		
		1560	197
262	23.9		
		535	106
298	27.2		
		907	123
175	25.8		
		606	98.2
318	27.3		
		581	
163	24.9		
		704	107
155	25.5		
		624	144
184	26.4		

Mercury Nitrate as Nitrate/Nitrite as Nitrate Strontium Thallium Total Alkal TOTAL DIS TOTAL SUS Vanadium

1.6

1.3

1.5

5.1

1.3

2.2

0.9

0.9

1.2

1.3

1.7

0.03

0.08

0.04

34.7

43.8

0.036

36.8

38.3

0.064

42.8

35.4

37.6

40.3

43.3

0.028

39.5

47

0.034

	597
36.9	
0.23	
	585
	36
0.615	
	39.4
0.308	
	38.9
0.3	
	38.8
0.631	
	47.5
0.054	
	35.6
0.96	
	27.3
0.188	
	47.1
0.049	

Ammonia as N

Samp_No	Location	SampleDate	EventID	Analysis	Result_Uni	Aluminum	Arsenic	Beryllium
A830-0209A56		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-0209A56		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-0209A56		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-0209A56		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L				
A830-0209A56		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L	29.9			
A830-0209A56		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L				
A830-0209A56		10/22/2012	2012_OCT_TOXWC - Alkalim	g CaCO ₃ / L				
A830-0209A56		10/22/2012	2012_OCT_TOXWC - Aniorm	g/L				
A830-021CA68		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-021CA68		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-021CA68		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-021CA68		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L				
A830-021CA68		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L	51.6			
A830-021CA68		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L	62.9			
A830-021CA68		10/22/2012	2012_OCT_TOXWC - Alkalim	g CaCO ₃ / L				
A830-021CA68		10/22/2012	2012_OCT_TOXWC - Aniorm	g/L				
A830-0211A72		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-0211A72		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-0211A72		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-0211A72		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L	2.62			
A830-0211A72		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L	753			
A830-0211A72		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L	3730			
A830-0211A72		10/22/2012	2012_OCT_TOXWC - Alkalim	g CaCO ₃ / L				
A830-0211A72		10/22/2012	2012_OCT_TOXWC - Aniorm	g/L				
A830-0212A73B		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-0212A73B		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-0212A73B		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-0212A73B		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L				
A830-0212A73B		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L	321			
A830-0212A73B		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L	2450			
A830-0212A73B		10/22/2012	2012_OCT_TOXWC - Alkalim	g CaCO ₃ / L				
A830-0212A73B		10/22/2012	2012_OCT_TOXWC - Aniorm	g/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L				
A830-0213A75B		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L	1560			
A830-0213A75B		10/22/2012	2012_OCT_TOXWC - Alkalim	g CaCO ₃ / L				
A830-0213A75B		10/22/2012	2012_OCT_TOXWC - Aniorm	g/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXDM-Hardn	mg/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXDOC_Diss	cmg/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXICPMS Diss	ug/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXICPMS Tot.	ug/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXICPOE Diss	ug/L				
A830-0214Bbridge		10/22/2012	2012_OCT_TOXICPOE Tot.	ug/L	285			

A830-0214Bbridge	10/22/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0214Bbridge	10/22/2012 2012_OCT_TOXWC - Aniormg/L
A830-0215CC48	10/22/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0215CC48	10/22/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0215CC48	10/22/2012 2012_OCT_TOXICPMS Dissug/L
A830-0215CC48	10/22/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0215CC48	10/22/2012 2012_OCT_TOXICPOE Diss ug/L 7960
A830-0215CC48	10/22/2012 2012_OCT_TOXICPOE Tot. ug/L 7390
A830-0215CC48	10/22/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0215CC48	10/22/2012 2012_OCT_TOXWC - Aniormg/L
A830-0219M34	10/22/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0219M34	10/22/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0219M34	10/22/2012 2012_OCT_TOXICPMS Dissug/L
A830-0219M34	10/22/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0219M34	10/22/2012 2012_OCT_TOXICPOE Diss ug/L 834
A830-0219M34	10/22/2012 2012_OCT_TOXICPOE Tot. ug/L 3900
A830-0219M34	10/22/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0219M34	10/22/2012 2012_OCT_TOXWC - Aniormg/L
A830-0234A56	10/26/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0234A56	10/26/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0234A56	10/26/2012 2012_OCT_TOXICPMS Dissug/L
A830-0234A56	10/26/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0234A56	10/26/2012 2012_OCT_TOXICPOE Diss ug/L 21.5
A830-0234A56	10/26/2012 2012_OCT_TOXICPOE Tot. ug/L 38.9
A830-0234A56	10/26/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0234A56	10/26/2012 2012_OCT_TOXWC - Aniormg/L
A830-0235A68	10/26/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0235A68	10/26/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0235A68	10/26/2012 2012_OCT_TOXICPMS Dissug/L
A830-0235A68	10/26/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0235A68	10/26/2012 2012_OCT_TOXICPOE Diss ug/L 34.6
A830-0235A68	10/26/2012 2012_OCT_TOXICPOE Tot. ug/L 72.7
A830-0235A68	10/26/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0235A68	10/26/2012 2012_OCT_TOXWC - Aniormg/L
A830-0236A72	10/25/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0236A72	10/25/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0236A72	10/25/2012 2012_OCT_TOXICPMS Dissug/L
A830-0236A72	10/25/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0236A72	10/25/2012 2012_OCT_TOXICPOE Diss ug/L 560
A830-0236A72	10/25/2012 2012_OCT_TOXICPOE Tot. ug/L 831
A830-0236A72	10/25/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L
A830-0236A72	10/25/2012 2012_OCT_TOXWC - Aniormg/L
A830-0237A73B	10/26/2012 2012_OCT_TOXDM-Hardn mg/L
A830-0237A73B	10/26/2012 2012_OCT_TOXDOC_Disscmg/L
A830-0237A73B	10/26/2012 2012_OCT_TOXICPMS Dissug/L
A830-0237A73B	10/26/2012 2012_OCT_TOXICPMS Tot.ug/L
A830-0237A73B	10/26/2012 2012_OCT_TOXICPOE Diss ug/L 62.2

A830-0237A73B	10/26/2012 2012_OCT_TOXICPOE Tot. ug/L	568
A830-0237A73B	10/26/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L	
A830-0237A73B	10/26/2012 2012_OCT_TOXWC - Aniormg/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXDM-Hardn mg/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXDOC_Disscmg/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXICPMS Dissug/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXICPMS Tot.ug/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXICPOE Diss ug/L	
A830-0238A75B	10/26/2012 2012_OCT_TOXICPOE Tot. ug/L	557
A830-0238A75B	10/26/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L	
A830-0238A75B	10/26/2012 2012_OCT_TOXWC - Aniormg/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXDM-Hardn mg/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXDOC_Disscmg/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXICPMS Dissug/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXICPMS Tot.ug/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXICPOE Diss ug/L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXICPOE Tot. ug/L	147
A830-0239Bbridge	10/26/2012 2012_OCT_TOXWC - Alkalimg CaCO3 / L	
A830-0239Bbridge	10/26/2012 2012_OCT_TOXWC - Aniormg/L	
A830-0258A68	11/2/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-0258A68	11/2/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-0258A68	11/2/2012 2012_NOV_TOXICPMS Dissug/L	
A830-0258A68	11/2/2012 2012_NOV_TOXICPMS Tot.ug/L	
A830-0258A68	11/2/2012 2012_NOV_TOXICPOE Diss ug/L	55.5
A830-0258A68	11/2/2012 2012_NOV_TOXICPOE Tot. ug/L	102
A830-0258A68	11/2/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0258A68	11/2/2012 2012_NOV_TOXWC - Aniormg/L	
A830-028CA72	11/2/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-028CA72	11/2/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-028CA72	11/2/2012 2012_NOV_TOXICPMS Dissug/L	
A830-028CA72	11/2/2012 2012_NOV_TOXICPMS Tot.ug/L	
A830-028CA72	11/2/2012 2012_NOV_TOXICPOE Diss ug/L	965
A830-028CA72	11/2/2012 2012_NOV_TOXICPOE Tot. ug/L	3420
A830-028CA72	11/2/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-028CA72	11/2/2012 2012_NOV_TOXWC - Aniormg/L	
A830-0281CC48	11/2/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-0281CC48	11/2/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-0281CC48	11/2/2012 2012_NOV_TOXICPMS Dissug/L	
A830-0281CC48	11/2/2012 2012_NOV_TOXICPMS Tot.ug/L	2.73
A830-0281CC48	11/2/2012 2012_NOV_TOXICPOE Diss ug/L	7700
A830-0281CC48	11/2/2012 2012_NOV_TOXICPOE Tot. ug/L	8080
A830-0281CC48	11/2/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0281CC48	11/2/2012 2012_NOV_TOXWC - Aniormg/L	
A830-0283M34	11/2/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-0283M34	11/2/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-0283M34	11/2/2012 2012_NOV_TOXICPMS Dissug/L	

A830-0283M34	11/2/2012 2012_NOV_TOXICPMS Tot.ug/L	
A830-0283M34	11/2/2012 2012_NOV_TOXICPOE Diss ug/L	1200
A830-0283M34	11/2/2012 2012_NOV_TOXICPOE Tot. ug/L	4560
A830-0283M34	11/2/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0283M34	11/2/2012 2012_NOV_TOXWC - Aniormg/L	
A830-029CA68	11/6/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-029CA68	11/6/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-029CA68	11/6/2012 2012_NOV_TOXICPMS Dissug/L	
A830-029CA68	11/6/2012 2012_NOV_TOXICPMS Tot.ug/L	
A830-029CA68	11/6/2012 2012_NOV_TOXICPOE Diss ug/L	43.9
A830-029CA68	11/6/2012 2012_NOV_TOXICPOE Tot. ug/L	84.4
A830-029CA68	11/6/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-029CA68	11/6/2012 2012_NOV_TOXWC - Aniormg/L	
A830-0313M34	11/5/2012 2012_NOV_TOXDM-Hardn mg/L	
A830-0313M34	11/5/2012 2012_NOV_TOXDOC_Disscmg/L	
A830-0313M34	11/5/2012 2012_NOV_TOXICPMS Dissug/L	
A830-0313M34	11/5/2012 2012_NOV_TOXICPMS Tot.ug/L	
A830-0313M34	11/5/2012 2012_NOV_TOXICPOE Diss ug/L	248
A830-0313M34	11/5/2012 2012_NOV_TOXICPOE Tot. ug/L	396
A830-0313M34	11/5/2012 2012_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0313M34	11/5/2012 2012_NOV_TOXWC - Aniormg/L	
A830-032CA56	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-032CA56	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	1.93
A830-032CA56	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	57.1
A830-0321A68	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0321A68	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	3.77
A830-0321A68	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	146
A830-0322A72	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0322A72	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	
A830-0322A72	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	27.6
A830-0323A73B	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0323A73B	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	
A830-0323A73B	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	48.2
A830-0324A75B	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0324A75B	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	1.14
A830-0324A75B	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	47.8
A830-0325Bbridge	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0325Bbridge	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	0.802
A830-0325Bbridge	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	79.3
A830-0326CC-49	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0326CC-49	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	
A830-0326CC-49	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	1120
A830-0329M-34	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0329M-34	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	0.559
A830-0329M-34	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	38.8
A830-033CA56	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	79600
A830-033CA56	10/7/2012 2012_DEC_TOX ICPOE Tot. mg/kg dry	9790 2.76

A830-0331A68	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	82400	
A830-0331A68	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	14500	5.14
A830-0332A72	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	45600	
A830-0332A72	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	24800	
A830-0333A73B	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	29100	
A830-0333A73B	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	17200	
A830-0334A75B	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	37500	
A830-0334A75B	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	47400	5.63
A830-0335Bbridge	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	40200	
A830-0335Bbridge	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	44800	5.72
A830-0336CC-49	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	66700	
A830-0336CC-49	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	4140	
A830-0339M-34	10/7/2012 2012_DEC_TOX ICPMS Tot.ug/kg dry wt	21000	
A830-0339M-34	10/7/2012 2012_DEC_TOX ICPOE Tot.mg/kg dry	32800	
A830-0345A56	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0345A56	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	0.917	
A830-0345A56	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-0345A56	12/10/2012 2012_DEC_TOX ICPOE Dissug/L		
A830-0345A56	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	131	
A830-0346A68	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0346A68	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	3.7	
A830-0346A68	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-0346A68	12/10/2012 2012_DEC_TOX ICPOE Dissug/L	83.6	
A830-0346A68	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	150	
A830-0347A72	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0347A72	12/10/2012 2012_DEC_TOX ICPMS Dissug/L		
A830-0347A72	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-0347A72	12/10/2012 2012_DEC_TOX ICPOE Dissug/L	33	
A830-0347A72	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	209	
A830-0348A73B	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0348A73B	12/10/2012 2012_DEC_TOX ICPMS Dissug/L		
A830-0348A73B	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-0348A73B	12/10/2012 2012_DEC_TOX ICPOE Dissug/L	38.2	
A830-0348A73B	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	81.7	
A830-0349A75B	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0349A75B	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	0.938	
A830-0349A75B	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-0349A75B	12/10/2012 2012_DEC_TOX ICPOE Dissug/L	42.4	
A830-0349A75B	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	125	
A830-035CBbridge	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-035CBbridge	12/10/2012 2012_DEC_TOX ICPMS Dissug/L	0.657	
A830-035CBbridge	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		
A830-035CBbridge	12/10/2012 2012_DEC_TOX ICPOE Dissug/L	40.1	
A830-035CBbridge	12/10/2012 2012_DEC_TOX ICPOE Tot.ug/L	110	
A830-0351CC-49	12/10/2012 2012_DEC_TOX DM-Hardn mg/L		
A830-0351CC-49	12/10/2012 2012_DEC_TOX ICPMS Dissug/L		
A830-0351CC-49	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L		

A830-0351CC-49	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	1100
A830-0351CC-49	12/10/2012 2012_DEC_TOX ICPOE Tot. ug/L	1170
A830-0354M-34	12/10/2012 2012_DEC_TOX DM-Hardn mg/L	
A830-0354M-34	12/10/2012 2012_DEC_TOX ICPMS Diss ug/L	
A830-0354M-34	12/10/2012 2012_DEC_TOX ICPMS Tot.ug/L	
A830-0354M-34	12/10/2012 2012_DEC_TOX ICPOE Diss ug/L	69.3
A830-0354M-34	12/10/2012 2012_DEC_TOX ICPOE Tot. ug/L	651
A830-0361A56	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0361A56	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	0.633
A830-0361A56	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0361A56	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0361A56	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	
A830-0362A68	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0362A68	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	1.13
A830-0362A68	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0362A68	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0362A68	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	30.7
A830-0363A72	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0363A72	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-0363A72	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0363A72	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0363A72	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	25.7
A830-0363A72	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	159
A830-0364A73B	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0364A73B	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-0364A73B	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0364A73B	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0364A73B	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	23.2
A830-0364A73B	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	63
A830-0365A75B	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0365A75B	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-0365A75B	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0365A75B	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0365A75B	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	28.5
A830-0366Bbridge	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0366Bbridge	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-0366Bbridge	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0366Bbridge	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0366Bbridge	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	39.4
A830-0367CC-49	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-0367CC-49	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-0367CC-49	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-0367CC-49	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-0367CC-49	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	97.8
A830-037CM-34	12/19/2012 2013_JAN_TOX DM-Hardn mg/L	
A830-037CM-34	12/19/2012 2013_JAN_TOX ICPMS Diss ug/L	
A830-037CM-34	12/19/2012 2013_JAN_TOX ICPMS Tot.ug/L	
A830-037CM-34	12/19/2012 2013_JAN_TOX ICPOE Diss ug/L	
A830-037CM-34	12/19/2012 2013_JAN_TOX ICPOE Tot. ug/L	26.1

A830-0373A68	4/18/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0373A68	4/18/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0373A68	4/18/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0373A68	4/18/2013 2013_APR_TOX ICPMS Tot.ug/L	
A830-0373A68	4/18/2013 2013_APR_TOX ICPOE Diss ug/L	38.5
A830-0373A68	4/18/2013 2013_APR_TOX ICPOE Tot. ug/L	317
A830-0373A68	4/18/2013 2013_APR_TOX WC - Alkalimg CaCO3 / L	
A830-0373A68	4/18/2013 2013_APR_TOX WC - Aniormg/L	
A830-0382A72	4/18/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0382A72	4/18/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0382A72	4/18/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0382A72	4/18/2013 2013_APR_TOX ICPMS Tot.ug/L	
A830-0382A72	4/18/2013 2013_APR_TOX ICPOE Diss ug/L	694
A830-0382A72	4/18/2013 2013_APR_TOX ICPOE Tot. ug/L	2690
A830-0382A72	4/18/2013 2013_APR_TOX WC - Alkalimg CaCO3 / L	
A830-0382A72	4/18/2013 2013_APR_TOX WC - Aniormg/L	
A830-0383A73	4/18/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0383A73	4/18/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0383A73	4/18/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0383A73	4/18/2013 2013_APR_TOX ICPMS Tot.ug/L	
A830-0383A73	4/18/2013 2013_APR_TOX ICPOE Diss ug/L	187
A830-0383A73	4/18/2013 2013_APR_TOX ICPOE Tot. ug/L	2220
A830-0383A73	4/18/2013 2013_APR_TOX WC - Alkalimg CaCO3 / L	
A830-0383A73	4/18/2013 2013_APR_TOX WC - Aniormg/L	
A830-0384A73B	4/18/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0384A73B	4/18/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0384A73B	4/18/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0384A73B	4/18/2013 2013_APR_TOX ICPMS Tot.ug/L	
A830-0384A73B	4/18/2013 2013_APR_TOX ICPOE Diss ug/L	145
A830-0384A73B	4/18/2013 2013_APR_TOX ICPOE Tot. ug/L	1930
A830-0384A73B	4/18/2013 2013_APR_TOX WC - Alkalimg CaCO3 / L	
A830-0384A73B	4/18/2013 2013_APR_TOX WC - Aniormg/L	
A830-0385A75B	4/18/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0385A75B	4/18/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0385A75B	4/18/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0385A75B	4/18/2013 2013_APR_TOX ICPMS Tot.ug/L	
A830-0385A75B	4/18/2013 2013_APR_TOX ICPOE Diss ug/L	24.3
A830-0385A75B	4/18/2013 2013_APR_TOX ICPOE Tot. ug/L	1230
A830-0385A75B	4/18/2013 2013_APR_TOX WC - Alkalimg CaCO3 / L	
A830-0385A75B	4/18/2013 2013_APR_TOX WC - Aniormg/L	
A830-0398M34	4/19/2013 2013_APR_TOX DM-Hardn mg/L	
A830-0398M34	4/19/2013 2013_APR_TOX DOC_Disscmg/L	
A830-0398M34	4/19/2013 2013_APR_TOX ICPMS Dissug/L	
A830-0398M34	4/19/2013 2013_APR_TOX ICPMS Tot.ug/L	

A830-0398M34	4/19/2013 2013_AP_R_TOX ICPOE Diss ug/L	887
A830-0398M34	4/19/2013 2013_AP_R_TOX ICPOE Tot. ug/L	3290
A830-0398M34	4/19/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0398M34	4/19/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-0405A68	4/22/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-0405A68	4/22/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-0405A68	4/22/2013 2013_AP_R_TOX ICPMS Dissug/L	
A830-0405A68	4/22/2013 2013_AP_R_TOX ICPMS Tot.ug/L	
A830-0405A68	4/22/2013 2013_AP_R_TOX ICPOE Diss ug/L	41.3
A830-0405A68	4/22/2013 2013_AP_R_TOX ICPOE Tot. ug/L	150
A830-0405A68	4/22/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0405A68	4/22/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-0414A72	4/21/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-0414A72	4/21/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-0414A72	4/21/2013 2013_AP_R_TOX ICPMS Dissug/L	
A830-0414A72	4/21/2013 2013_AP_R_TOX ICPMS Tot.ug/L	
A830-0414A72	4/21/2013 2013_AP_R_TOX ICPOE Diss ug/L	562
A830-0414A72	4/21/2013 2013_AP_R_TOX ICPOE Tot. ug/L	710
A830-0414A72	4/21/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0414A72	4/21/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-0415A73	4/22/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-0415A73	4/22/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-0415A73	4/22/2013 2013_AP_R_TOX ICPMS Dissug/L	
A830-0415A73	4/22/2013 2013_AP_R_TOX ICPMS Tot.ug/L	
A830-0415A73	4/22/2013 2013_AP_R_TOX ICPOE Diss ug/L	35.1
A830-0415A73	4/22/2013 2013_AP_R_TOX ICPOE Tot. ug/L	1030
A830-0415A73	4/22/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0415A73	4/22/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX ICPMS Dissug/L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX ICPMS Tot.ug/L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX ICPOE Diss ug/L	26.2
A830-0416A73B	4/22/2013 2013_AP_R_TOX ICPOE Tot. ug/L	1050
A830-0416A73B	4/22/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0416A73B	4/22/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX ICPMS Dissug/L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX ICPMS Tot.ug/L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX ICPOE Diss ug/L	20
A830-0417A75B	4/22/2013 2013_AP_R_TOX ICPOE Tot. ug/L	1230
A830-0417A75B	4/22/2013 2013_AP_R_TOX WC - Alkalim g CaCO3 / L	
A830-0417A75B	4/22/2013 2013_AP_R_TOX WC - Aniormg/L	
A830-043CM34	4/23/2013 2013_AP_R_TOX DM-Hardn mg/L	
A830-043CM34	4/23/2013 2013_AP_R_TOX DOC_Disscmg/L	
A830-043CM34	4/23/2013 2013_AP_R_TOX ICPMS Dissug/L	

A830-043CM34	4/23/2013 2013_APRL TOX ICPMS Tot.ug/L		
A830-043CM34	4/23/2013 2013_APRL TOX ICPOE Diss ug/L	761	
A830-043CM34	4/23/2013 2013_APRL TOX ICPOE Tot. ug/L	2250	
A830-043CM34	4/23/2013 2013_APRL TOX WC - Alkalimng CaCO3 / L		
A830-043CM34	4/23/2013 2013_APRL TOX WC - Aniormg/L		
 A830-0827A55	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		
A830-0827A55	11/10/2014 2014_NOV_TOXDOC_Disscmg/L		
A830-0827A55	11/10/2014 2014_NOV_TOXICPMS Dissug/L	2.51	
A830-0827A55	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	4.41	
A830-0827A55	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	193	
A830-0827A55	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	3440	2.15
A830-0827A55	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L		
A830-0827A55	11/10/2014 2014_NOV_TOXWC - Aniormg/L		
A830-0828A56	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		
A830-0828A56	11/10/2014 2014_NOV_TOXDOC_Disscmg/L		
A830-0828A56	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.593	
A830-0828A56	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	2.95	
A830-0828A56	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	181	
A830-0828A56	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	2250	
A830-0828A56	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L		
A830-0828A56	11/10/2014 2014_NOV_TOXWC - Aniormg/L		
A830-0829A60	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		
A830-0829A60	11/10/2014 2014_NOV_TOXDOC_Disscmg/L		
A830-0829A60	11/10/2014 2014_NOV_TOXICPMS Dissug/L		
A830-0829A60	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L		
A830-0829A60	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	47.5	
A830-0829A60	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1510	
A830-0829A60	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L		
A830-0829A60	11/10/2014 2014_NOV_TOXWC - Aniormg/L		
A830-083CA68	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		
A830-083CA68	11/10/2014 2014_NOV_TOXDOC_Disscmg/L		
A830-083CA68	11/10/2014 2014_NOV_TOXICPMS Dissug/L		
A830-083CA68	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L		
A830-083CA68	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	64.7	
A830-083CA68	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1780	
A830-083CA68	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L		
A830-083CA68	11/10/2014 2014_NOV_TOXWC - Aniormg/L		
A830-0832A72	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		
A830-0832A72	11/10/2014 2014_NOV_TOXDOC_Disscmg/L		
A830-0832A72	11/10/2014 2014_NOV_TOXICPMS Dissug/L		
A830-0832A72	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	3.14	
A830-0832A72	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	26.2	
A830-0832A72	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1810	
A830-0832A72	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L		
A830-0832A72	11/10/2014 2014_NOV_TOXWC - Aniormg/L		
A830-0833A73	11/10/2014 2014_NOV_TOXDM-Hardn mg/L		

A830-0833A73	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0833A73	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0833A73	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0833A73	11/10/2014 2014_NOV_TOXICPOE Dissug/L	23
A830-0833A73	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1160
A830-0833A73	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0833A73	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0834A75CC	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0834A75CC	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0834A75CC	11/10/2014 2014_NOV_TOXICPMS Dissug/L	1.23
A830-0834A75CC	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0834A75CC	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	50.2
A830-0834A75CC	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1750
A830-0834A75CC	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0834A75CC	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0835A75D	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0835A75D	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0835A75D	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0835A75D	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	4.45
A830-0835A75D	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	44.4
A830-0835A75D	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1440
A830-0835A75D	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0835A75D	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0836A75EC	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0836A75EC	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0836A75EC	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.913
A830-0836A75EC	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	2.65
A830-0836A75EC	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	249
A830-0836A75EC	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	2680
A830-0836A75EC	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0836A75EC	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	58
A830-0837Animas@3	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1810
A830-0837Animas@3	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0837Animas@3	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0838Animas@L	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0838Animas@L	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0838Animas@L	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.509
A830-0838Animas@L	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0838Animas@L	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	37.8
A830-0838Animas@L	11/10/2014 2014_NOV_TOXICPOE Tot. ug/L	1590
A830-0838Animas@L	11/10/2014 2014_NOV_TOXWC - Alkalimng CaCO3 / L	
A830-0838Animas@L	11/10/2014 2014_NOV_TOXWC - Aniormg/L	

A830-0839Animas@P	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXICPOE Dissug/L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXICPOE Tot.ug/L	2150
A830-0839Animas@P	11/10/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0839Animas@P	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-084CBbridge	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-084CBbridge	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-084CBbridge	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-084CBbridge	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	5.06
A830-084CBbridge	11/10/2014 2014_NOV_TOXICPOE Dissug/L	121
A830-084CBbridge	11/10/2014 2014_NOV_TOXICPOE Tot.ug/L	5120
A830-084CBbridge	11/10/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-084CBbridge	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0841James Ran	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0841James Ran	11/10/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0841James Ran	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.644
A830-0841James Ran	11/10/2014 2014_NOV_TOXICPMS Tot.ug/L	3.31
A830-0841James Ran	11/10/2014 2014_NOV_TOXICPOE Dissug/L	133
A830-0841James Ran	11/10/2014 2014_NOV_TOXICPOE Tot.ug/L	4350
A830-0841James Ran	11/10/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0841James Ran	11/10/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0869A55	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0869A55	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0869A55	11/19/2014 2014_NOV_TOXICPMS Dissug/L	0.572
A830-0869A55	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0869A55	11/19/2014 2014_NOV_TOXICPOE Dissug/L	
A830-0869A55	11/19/2014 2014_NOV_TOXICPOE Tot.ug/L	33.8
A830-0869A55	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0869A55	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-087CA56	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-087CA56	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-087CA56	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-087CA56	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-087CA56	11/19/2014 2014_NOV_TOXICPOE Dissug/L	
A830-087CA56	11/19/2014 2014_NOV_TOXICPOE Tot.ug/L	223
A830-087CA56	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-087CA56	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0871A60	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0871A60	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0871A60	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0871A60	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0871A60	11/19/2014 2014_NOV_TOXICPOE Dissug/L	
A830-0871A60	11/19/2014 2014_NOV_TOXICPOE Tot.ug/L	21.3

A830-0871A60	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0871A60	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0872A68	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0872A68	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0872A68	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0872A68	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0872A68	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0872A68	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	29.4
A830-0872A68	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0872A68	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0874A72	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0874A72	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0874A72	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0874A72	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0874A72	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0874A72	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	30.3
A830-0874A72	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0874A72	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0875A73	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0875A73	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0875A73	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0875A73	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0875A73	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0875A73	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	24.7
A830-0875A73	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0875A73	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.33
A830-0876A75CC	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0876A75CC	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0877A75D	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	25.2
A830-0877A75D	11/19/2014 2014_NOV_TOXWC - Alkalim g CaCO3 / L	
A830-0877A75D	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	21.4

A830-0878A75EC	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	39.6
A830-0878A75EC	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0878A75EC	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	21.7
A830-0879Animas@3	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0879Animas@3	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	27.4
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	63.5
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-088CAnimas@L	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXICPMS Dissug/L	0.7
A830-0881Animas@P	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	696
A830-0881Animas@P	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0881Animas@P	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	39.1
A830-0882Bbridge	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	55.9
A830-0882Bbridge	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0882Bbridge	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXDOC_Disscmg/L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXICPMS Tot.ug/L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	32.8
A830-0883James Ran	11/19/2014 2014_NOV_TOXICPOE Tot. ug/L	38.9
A830-0883James Ran	11/19/2014 2014_NOV_TOXWC - Alkalimg CaCO3 / L	
A830-0883James Ran	11/19/2014 2014_NOV_TOXWC - Aniormg/L	
A830-0852A55	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0852A55	11/10/2014 2014_NOV_TOXICPMS Dissug/L	3.01
A830-0852A55	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	101

A830-0853A56	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0853A56	11/10/2014 2014_NOV_TOXICPMS Dissug/L	1.5
A830-0853A56	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	136
A830-0854A60	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0854A60	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0854A60	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	32.4
A830-0855A68	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0855A68	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0855A68	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	35.6
A830-0857A72	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0857A72	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0857A72	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	23.9
A830-0858A73	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0858A73	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0858A73	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	24.4
A830-0859A75CC	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0859A75CC	11/10/2014 2014_NOV_TOXICPMS Dissug/L	2.45
A830-0859A75CC	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	42.9
A830-086CA75D	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-086CA75D	11/10/2014 2014_NOV_TOXICPMS Dissug/L	
A830-086CA75D	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	28
A830-0861A75EC	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0861A75EC	11/10/2014 2014_NOV_TOXICPMS Dissug/L	2.92
A830-0861A75EC	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	137
A830-0862Animas@3	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0862Animas@3	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.964
A830-0862Animas@3	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	56.9
A830-0863Animas@L	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0863Animas@L	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.608
A830-0863Animas@L	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	40.5
A830-0864Animas@P	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0864Animas@P	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.616
A830-0864Animas@P	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	21.8
A830-0865Bbridge	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0865Bbridge	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.665
A830-0865Bbridge	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	138
A830-0866James Ran	11/10/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0866James Ran	11/10/2014 2014_NOV_TOXICPMS Dissug/L	0.965
A830-0866James Ran	11/10/2014 2014_NOV_TOXICPOE Diss ug/L	154

A830-0892A55	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0892A55	11/19/2014 2014_NOV_TOXICPMS Dissug/L	2.44
A830-0892A55	11/19/2014 2014_NOV_TOXICPOE Diss ug/L	166
A830-0893A56	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	

A830-0893A56	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.03
A830-0893A56	11/19/2014 2014_NOV_TOXICPOE Dissug/L	64.5
A830-0894A60	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0894A60	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.03
A830-0894A60	11/19/2014 2014_NOV_TOXICPOE Dissug/L	37.4
A830-0895A68	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0895A68	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0895A68	11/19/2014 2014_NOV_TOXICPOE Dissug/L	
A830-0897A72	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0897A72	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0897A72	11/19/2014 2014_NOV_TOXICPOE Dissug/L	37.7
A830-0898A73	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0898A73	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-0898A73	11/19/2014 2014_NOV_TOXICPOE Dissug/L	21.1
A830-0899A75CC	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0899A75CC	11/19/2014 2014_NOV_TOXICPMS Dissug/L	8.4
A830-0899A75CC	11/19/2014 2014_NOV_TOXICPOE Dissug/L	45
A830-090CA75D	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-090CA75D	11/19/2014 2014_NOV_TOXICPMS Dissug/L	
A830-090CA75D	11/19/2014 2014_NOV_TOXICPOE Dissug/L	
A830-0901A75EC	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0901A75EC	11/19/2014 2014_NOV_TOXICPMS Dissug/L	3.98
A830-0901A75EC	11/19/2014 2014_NOV_TOXICPOE Dissug/L	70.9
A830-0902Animas@3	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0902Animas@3	11/19/2014 2014_NOV_TOXICPMS Dissug/L	0.616
A830-0902Animas@3	11/19/2014 2014_NOV_TOXICPOE Dissug/L	37
A830-0903Animas@L	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0903Animas@L	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.26
A830-0903Animas@L	11/19/2014 2014_NOV_TOXICPOE Dissug/L	35.8
A830-0904Animas@P	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0904Animas@P	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.39
A830-0904Animas@P	11/19/2014 2014_NOV_TOXICPOE Dissug/L	22.3
A830-0905Bbridge	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0905Bbridge	11/19/2014 2014_NOV_TOXICPMS Dissug/L	1.01
A830-0905Bbridge	11/19/2014 2014_NOV_TOXICPOE Dissug/L	72.4
A830-0906James Ran	11/19/2014 2014_NOV_TOXDM-Hardn mg/L	
A830-0906James Ran	11/19/2014 2014_NOV_TOXICPMS Dissug/L	2.74
A830-0906James Ran	11/19/2014 2014_NOV_TOXICPOE Dissug/L	89.8

Cadmium Calcium Chloride Chromium Copper Dissolved (Dissolved (Flow Fluoride Iron

0.399

5.37

62000

60300

1.3

0.5

1.26

1.89

1.29

3.17

67000

64900

1.2

0.5

2.07

12.6

1.93

17.2

108000

2520

105000

6220

1.61

8.17

1.69

13.9

87200

429

85500

3290

1.5

0.5

1.03

7.99

1.03

73200

1830

71400

1.6

0.4

0.76

0.853

71500

284

69500

	16.8		4.3
5.46		71	
3.58		43.3	
200000			6360
199000			13800
			0.2
0.809		5.19	
0.663		6.83	
94600			4420
91500			5730
0.415		0.676	
0.579		6.01	
60700			
58600			
	1.3		0.4
1.2		1.71	
1.25		2.97	
65800			
62000			
	1.2		0.5
2.04		10	
1.96		11.6	
107000			1420
103000			1750
		3.1	
1.66		3.62	
1.53		5.97	
85700			
			1.6

82800			644
	1.6		0.4
1.01		0.718	
1.16	5.61	3.17	
72100			
70500			576
	1.6		0.4
0.844			
0.856	7.01		
68000			
67300			114
1.4		1.56	
1.86		3.56	
66400			
64500			104
	1.2		0.5
2.1		17	
1.89	6.07	18.6	
107000			2770
106000			5920
			1.7
5.51		71	
5.58	5.11	65.5	
196000			6460
210000			16000
			1.7
0.789		6.91	

0.914		7.33	
	97600		5060
	98700		7080
		22.9	
			1.9
1.21		2.16	
1.49		3.4	
	64700		
	60100		125
		1.4	0.5
			6.6
0.712		3.14	
0.968	8.67		
	99500		4270
	94300		4100
		25.5	
0.124		15.1	
	27500		
0.123		25.6	
	22200		
0.931		12.1	
	47900		
0.213		9.54	
	25700		224
		5.45	
	32500		820
		5.93	
	29700		169
1.91		26.4	
	39000		2120
0.412		6.06	
	36200		3680
9220	5480		
	4430	306	28700

16700		8800		
	5330		605	43900
3280		4660		
	4270		198	60600
5220		4700		
	2880		232	48500
10300		5420		
	6320		415	81400
16900		5260		
	7890		377	78500
338		4710		
	1200		57.8	289000
1060		3640		
	4290		91.4	62300
0.289			8.5	
		9.57	15.4	
27300			9.63	
26100			8.58	18.5
21100				
19800				265
1.12			0.701	
1.08		7.36		
42400				
39400				246
0.353			3.49	
	7.83			
27400				
24300				
			4.59	
	6.42		2.87	
30500				
29500				169
			3.32	
		3.3		
28200				
27000				123
1.75			25.8	
1.63		5.36	25	

40000			123
36600			1170
0.591		3.88	
0.592	8.89	3.01	
36900			
34600			926
	4.06		
	8.83		
17100			
16300			
	3.19		
	8.84		
16100			
15700			
0.179		3.13	
18900			
18600			233
0.191		3.08	
	8.06		
16400			
15800			
	3.46		
	7.8		
18000			
17500			
	2.76	0.972	
	8.35		
16700			
16600			
0.197		3.16	
17000			118
16600			5100
	1.94	0.613	
	7.84		
16400			
16000			

			1.1	
3.11		1.68	3.7	
2.98		7.09	14.4	
70600				
65700				213
	2.8			0.8
			1.2	
2.74			13.4	
2.54			17.7	
91900				2720
86900				4680
			1.2	
2.32		6.06		
2.28	6.1	15.4		
85000				1310
79400				3620
			1.1	
2.25		5.6		
2.05		13		
80800				1150
75200				3220
	3.6			0.5
			1.2	
1.58		1.16		
1.39	7.09	7.56		
65100				
60100				1290
	3			0.5
			1.3	
1.2		7.35		
1.2		7.6		

80700			3170
76400			4720
	11.4		
		1.5	
2.79		1.52	3.48
2.85			7.41
69400			
70800			
	2.7		0.7
		3.6	
2.6			13.2
2.94		5.69	11.8
95900			1850
95200			2040
	11.1		
		1.6	
2.17			3.26
2.42		6.11	8.44
85600			
87200			1720
	10.1		
		1.6	
1.95			2.71
2.13			8.44
80900			
81400			1750
	3.6		0.5
		1.5	
1.4			2.37
1.5		5.01	8.17
67000			
65300			1450
	3.1		0.5
		2.5	
1.19		7.09	

1.45		7.36	
	79500		2530
	81400		4010
		12.5	
0.663		2.85	10.5
3.99		17.9	
	36700	163	
	36100		2510
	1.9		0.9
1.96		1.41	2.9
3.26		21	
	31800	133	
	35400		2100
	1.8		0.6
4.35		17.9	1.5
5.72		76.3	
	34700		
	34400		1790
	2.1		0.7
0.482		1.21	
0.871		3.08	
	31400	28	
	30800		2210
	1.8		0.4
1.11		3.42	
1.45		32.1	
	29000		
	28300		4880
	1.8		0.5

0.303		4.95	
		17.9	
24800			
24800			3830
	1.8		0.4
		10.5	
	1.09	1.21	
		4.22	
44800			
44300			1530
	2.2		0.9
0.744		2.55	
1.32		19.2	
25400			
25200			3050
	1.8		0.4
		2.4	
0.108		1.79	
1.48		8.05	
18700			
18600			1170
	1.8		0.1
0.115		2.31	
1.84	7.02	31.6	
34800			
35200			2400
	3.3		0.4
		1.4	
1.52	1.09		
	7.07		
38700			
40800			2110
	3.7		0.2

			1.3
	1.02	0.945	
	6.03	4.75	
32700			
33800			2360
	1.9		0.2
		1.4	
1.12		6.58	
2.93		53.2	
31900			
32500			9070
	2.1		0.3
		1.7	
1.21	1.08	6.44	
2.82		45.8	
35900			
36100			7330
	2.1		0.3
		1.2	
0.101		4.07	
	7.41	8.47	
18200			
19600			
	2.1		0.6
		1.2	
0.126	1.32	2.97	
	8.06	7.47	
19600			
21000			941
	2.1		0.3
		1.2	
0.186	1.43	2.45	
	7.74	3.58	
19700			
21000			

	2.1		0.3
		2.2	
	5.4	2.74	
19600			
20400			
	2.1		0.2
		1.5	
	6.36		
18500			
19200			
	2.1		0.3
		1.79	
	6.96		
17300			
18300			
	2.1		0.3
		1.4	
	1.09	0.56	
	6.82		
24000			
25500			155
	2.1		
		1.22	
		1.91	
	7.42	2.7	
17900			
19200			
	2.1		0.2
		1.1	
	1.36		
	7.85		
16000			

17400

2.1

1

1.24 1.33
6.22

21400

22100

2.2

0.2

1.3

5.58

27800

28800

2.3

0.1

1.32

7.43 2.78

26600

28900

587

2

1.94

7.55

19300

20200

2.1

0.1

2.1

5.74

21300

21700

2.1

0.2

1.09

15.3 28.4

49800

1.62		1.11	67.5	
	48800			
6.69		1.27	14.7	
	56700			
1.62			5.31	
	56100			
2.46			3.37	
	44000			
0.634			12.8	
	37400			
		2.69	1.24	
	66600			
1.62			4.05	
	39100			
0.121		1.33	1.68	
	26600			
		1.21	2.1	
	46000			
			1.11	
	41000			
		1.13	1.26	
	36600			
1.35			7.82	
	43200			
1.28			7.94	
	46900			141
1.47		2.27	59.4	
	29400			

1.08		1.82	45.5	
	33500			
12.4		3.11	11.7	
	84200			
1.12		1.77	3.84	
	53600			
2.58			3.38	
	70300			281
0.968			2.36	
	42400			
		5.14		
	129000			8700
1.97			4.26	
	49900			
		3.36	1.57	
	29600			867
0.29			2.24	
	59500			
		1.63		
	62400			
			2.21	
	62200			
0.479			8.89	
	53800			
0.408			18.2	
	55500			

Lead	Magnesium	Manganese	Nickel	pH	Potassium	Selenium	Silver	Sodium	Specific Co
0.218									
0.549									
	3580		121		684			2670	
	3440		123		636			2530	
0.414									
1.42									
	3750		1600		689			2830	
	3530		1580		667			2620	
0.574				3.66					
6.32				2.87					
	7050		1910		1100			4070	
	6700		1890		1020			3810	
0.115				3.11					
3.65									
	6170		1410		975			3450	
	5920		1410		933			3240	
2.21				1.95					
	6080		912		1020			3290	
	5790		920		970			3080	
				0.829					
	6690		682		1080			3240	
	6390		677		1010			3050	

13.7		16.4		
9.63		10.5		
	11700	5330		5050
	11300	5370		4630
0.735		1.84	0.517	
2.49				
	7660	536	833	4390
	7230	532	744	4070
1.33			4.89	
	3590	106	882	2680
	3470	114	880	2600
1.25			4.44	
	3720	1590	920	2820
	3570	1550	928	2720
0.11		3.03	0.519	
0.841		3.13	4.98	
	7060	1840	2350	4790
	6820	1860	2350	4660
0.935		3.01		
	6140	1380	1250	3540

5990	1390	1250	3490
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0.931		2.14	
	6100	902	1220
	5970	911	1240
			3300
			3250

		2.3	
	6530	648	1380
	6460	662	1360
			3180
			3130

0.212			
8.37			
	3730	1870	695
	3610	1900	765
			2780
			2750

0.849		5.13	
5.78		2.78	
	7000	1860	1080
	6770	1910	1080
			4060
			3910

13.1		17.2	
16.2		12.6	
	11400	5380	2040
	11900	5550	2050
			4760
			4880

1.03		3.25	
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3.24					
	7790	585		835	4470
	7750	590		856	4390
0.106				1.25	
1.85					
	3710	1720		909	2990
	3470	1640		976	2890
2.56					
3.01					
	8250	592		4010	7380
	7940	584		4040	7300
0.663				0.659	
	12000	4870		3910	27000
1.96					
	10300	6180		4480	24100
1.62				0.775	
	15100	9290		3130	29200
1.27				1.13	
	13500	14500		3290	25300
0.662				1.57	
	15100	9630		5000	28100
0.545				0.977	
	14400	7320		4130	27700
5.67				0.879	
	15300	6180		2790	26300
2.68				1.53	
	16500	8920		3370	28200
8580				10300	
	2070	4630	6020	900	

			15200		1220	12000
2600	5040	12100	7180	1200		3530
704	6570	4320	11500	1420		3290
557	4040	4430	16100	567	1110	2070
436	3980	4440	31000	1360		2200
471	4330	8790	1890	1350		1200
206	1720	307	4520	450		558
152	5340	1220		935		
1.09					0.57	
24.8						
	14300	2390		4000		28700
	13500	2650		3900		27400
2.59			0.637		2.15	
21.7						
	12900	4500		4540		25600
	12200	4440		4310		24500
2.71					0.512	
	17000	6250		3120		29500
	16000	6100		3060		28300
0.184			0.542		0.761	
0.632						
	15200	12700		3520		26800
	14100	11800		3240		25500
1.16					1.59	
	15700	8060		4790		27700
	15500	7930		4750		27700
1.45					1.65	
	15700	5130		4000		28000
	15000	5210		3840		26800
16.5			4.95			
17.7			4.69			

	16300	5910	2910	27500
	15200	5800	2740	26400
0.192		2.06		1.27
0.702				
	17600	8540	3470	29100
	16800	8390	3360	28400
0.157				
1.13				
	15600	49.4	3040	29800
	15000	54.4	3020	28900
0.852				
4.42				
	15200	875	2970	28300
	14800	911	2960	27600
0.121				
2.15				
	15900	1260	2750	29500
	15700	1230	2780	29000
0.723				
	15600	2810	2740	29000
	15200	2890	2720	28200
			0.613	
	16400	492	3020	30300
	15800	502	2990	29400
	15600	26.8	2910	29100
	15400	36.8	2950	29000
0.222		0.562		
3.43				
	15500	724	2620	28700
	15000	738	2560	28000
	16300	567	2820	29900
	16000	619	2860	29500

0.134		1.49		
3.46		2.76		
	4260	3960	765	2910
	3940	3920	767	2750
1.27		3.63	0.705	
8.79		2.82		
	6160	2380	1010	4440
	5790	2340	1020	4250
7.7		3.54		
		2.56		
	5980	2000	998	4300
	5590	1950	975	4090
0.704		3.86	0.609	
6.81		2.86		
	5860	1870	999	4180
	5430	1860	960	3950
1.02		2.84	0.654	
4.09				
	5190	1270	998	3540
	4780	1260	976	3330
5.16		2.04		
11.7				

	6210	444	829	5830
	5890	433	809	5680
1.47		1.34	0.538	
	4180	3920	1050	2840
	4200	4090	1070	2840
0.907		3.16	0.875	
1.12		4.15		
	6280	2460	1950	4940
	6270	2450	2090	5010
3.3		3.27	0.581	
	5940	2000	1360	4190
	6070	2070	1370	4280
3.61		3.54	0.792	
	5740	1880	1290	3990
	5780	1950	1330	4030
4.31		3.15	0.932	
	5300	1290	1380	3620
	5120	1310	1370	3490
3.75		2.72		

8.7		5.89		
	6140	438	1400	6210
	6180	457	1380	6220
8.69		0.736	1.28	
142				
	8730	14400	2820	21700
	9230	14800	3250	22300
5.48		0.827		
116		4.11		
	8970	6640	2470	22100
	9140	5440	3020	21600
2.34		0.519		
117				
	8460	944	2220	22100
	8740	1190	2630	22100
0.561				
48.4				
	8750	104	1940	22200
	9010	350	2420	22000
0.192		0.737		
30.6				
	9250	1490	2010	23400
	9330	1540	2260	23100

0.451		0.56	
29.1			
	9000	13.2	1870
	8990	188	2080
			23300
			23100
		0.759	
2.23			
	12500	43.2	2900
	12900	414	3320
			22700
			22700
0.215			
23.5			
	8600	1020	2430
	8720	1210	2680
			23000
			23000
0.157		7.31	
2.42		17	
	11100	4800	2770
	11200	4770	2910
			23100
			23100
0.483		0.696	
38.6			
	8880	247	2940
	9250	846	3280
			22900
			23000
8.58		0.613	
		3.08	
	10300	135	2610
	10400	267	3020
			23200
			22400

5.95			
	7120	12.8	2170
	7650	87.3	18800
			19100
0.279			
52.2		2.54	
	8930	2130	3200
	9220	2510	3580
0.431			
46.9			
	9370	2020	2940
	9800	2400	3170
0.784			
3.51			
	11000	434	2720
	11600	442	2910
83.8			
	11800	38.7	2730
	12300	133	2890
	12100	10.8	2590
	12600	12.7	2730

12100		2510	27400
12400	2.41	2670	27900

11900	13.3	2430	26700
12100	13.6	2520	27300

12200	3.43	2510	28300
12400	2.19	2550	28500

13000	85.2	3120	27300
13500	112	3220	27700

12000		2660	27500
12400		2730	28100

0.876

12300	35.8	2600	26700
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13200	39.3	2780	28500
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12100	14.9	2760	28100
12800	29.3	3120	29400

12100	2.01	2560	27000
12200	6.24	2560	27000

1.35

10700		2310	24200
11500	14	2670	25800

11200		2650	24700
11500	7.9	2740	25400

12000		2730	26600
12000	3.01	2730	26600

8.81

7700	21200	0.658	1.4
		3150	18600

8.72			1.13		1.17	0.636	
	7960	12100		2940			17500
2.41			1.05		2540		17200
	7960	3520					
0.527				2130			15200
	7270	512					
0.191			1.49		2080		19600
	8130	3430					
0.799			1.04		1730		17800
	6440	55.4					
0.116			1.02		3560	1.43	
	15800	3020					21000
0.299			0.716		2780		17300
	7100	2320					
0.196			19.5		3790	1.87	
	12300	11000					15500
0.599				3710			20000
	8680	3990					
0.207			1.22		2700		23100
	10200	671					
0.152			1.19		2440		19300
	7340	219					
0.632			1.16		4030		18500
	9050	4280					
0.766				3100			19900
	9630	4520					
33.3					1.19		
	6290	13300		3800			24800

8.78				1.07	
	7450	8210		3270	20400
2.51				1.03	
	12700	11700		3590	26500
0.116					
	6780	234		2420	23300
	10400	13100		2940	26900
0.17			1.59		
	6000	158		2040	23100
	28300	9140		9280	27900
0.137					
	7430	3150		3390	20300
	15700	21800	9.34	4510	27200
0.309					
	10600	4090		3480	28400
0.123				1.49	
	16400	1760		3480	34500
0.159			0.696		
	14000	324		4060	32900
1.31				1.47	
	11600	4970		6410	27300
0.991				3.33	
	11800	9300		5450	25400

	Total	Organic	Zinc	% Solids	ACIDITY	Antimony	Barium	Cobalt	Hardness
									170
									25
									25.9
									165
									160
									127
									183
									24.6
									25.3
									374
									354
									141
									299
									21.5
									7.96
									7.47
									864
									830
									263
									243
									24.8
									6.08
									5.81
									695
									659
									234
									208
									29.3
									3.87
									30.1
									3.73
									437
									495
									184
									206
									32
									2.42
									31.6
									2.5
									333
									334

1730		546
	27.3	
	16.9	
2730		
2720		
60.9		
	268	
	25	9.02
		9.34
211		
197		
232		
	166	
	25.1	
	26	
149		
147		
125		
	180	
	24.6	
356		
333		
139		
	296	
	20	7.42
		8.24
812		
786		
282		
	239	
	24.7	5.87
	25.5	6.15
645		

	621	
232		205
	29.5	3.63
	31.4	3.85
411		
424		
183		197
	32.5	2.39
	32.2	2.6
302		
306		
160		
	181	
	24.1	
397		
410		
150		
	296	
	8.95	
	7.91	
827		
850		
286		
	536	
	26.1	
	25.2	
2710		
2860		
594		
	276	
	10.1	

			9.97
216			
220			
856			
		177	
	23.3		
413			
390			
147			
		282	
230			
212			
871			
		118	
33.5	1.71	66.2	0.362
29	121	0.163	
			98
27.5	28.3	0.916	
			182
27.6	32.4	3.71	
			120
26.1	33.2	3.12	
			143
38	49.3	2.35	
			133
516	12.9	31.5	
			161
37.9	28.5	14.6	
			158
3530	9530	13100	
			113

		9340		15400
7630		190		
		1790		21800
968		195		
		2270		21200
1240		103		
		2060		29900
4980		145		
		2110		60800
9060		206		
		1510		2520
132		55.7		
				14800
323		105		
				127
51.9	1.34	36.6		
73		40.7		
				106
22.4		74.6		
49.6		76		
				176
		20.2		
15.8				
				131
25	26.1	2.58		
24.4	25.1	2.45		
				141
36.3	26.3	2.05		
48	25.2	1.94		
				135
32.2	30	1.34		
45.6	30.6	1.3		
				167
	10.6	31.3		
		31		

496			
455			
	165		
41.3	27.8	14.7	
48.1	27.1	14.9	
		107	
	11.1		
12.1			
15.3			
	103		
	24.6		
13.2			
19.8			
	113		
	10.2		
11.2			
12.9			
	105		
	7.85	0.342	
18.1			
20.9			
	112		
	6.58		
11.9			
	106		
	7.17		
39.8			
47.8			
	106		
	6.74	3.59	
		3.56	
108			

		194
	23.7	1.44
		1.42
994		
962		
178		255
	22.4	7.39
		6.51
979		
935		
264		237
	23.6	5.82
		6
892		
835		
237		226
	24.6	5.73
	25.6	4.94
825		
798		
244		184
	25.3	3.64
	25	3.45
566		
563		
193		227
	25.7	6.1
	27.2	6.44

	335	
	317	
237		191
		22.8
		1.25
		1.49
	905	
	982	
172		265
		22.7
		7.24
		7.28
	1010	
	985	
265		238
		23.8
		5.93
		6.23
	857	
	875	
242		226
		24.5
		5.43
		25.1
		5.53
	796	
	836	
244		189
		25.1
		3.6
		25.1
		3.69
	525	
	591	
195		224
		25.2
		7.13

		26.8	6.16
337			
349			
237			
		128	
109		1.05	
125		2.04	
83.4			
621			
64.1			
		116	
58.1		0.693	
73.8		1.59	
117			
582			
74.1			
		122	
0.669		27.7	0.197
		42.6	0.723
211			
426			
82.7			
		114	
17.5			
33.2		0.61	
47			
269			
80.6			
		111	
18.1		0.543	
29.4		1.29	
61.3			
147			
118			
		99	

		17.3	
	29.7	0.907	
70.6			
128			
104			
			163
		153	0.641
		180	1.86
12.2			
24.9			
66.9			
			99
		23.6	0.364
		33.5	1.18
40.1			
172			
87.4			
			93
		124	4.51
		135	10.7
13.3			
60.3			
68.5			
			123
		43.5	0.138
		60.3	1.53
24.5			
216			
69.3			
			139
		52.9	0.191
		71.2	1.03
78.3			
71.1			

	53.3	0.11
	87.1	0.87
11.5		
36.6		
64.8		
		117
43.7	41.4	0.744
476	64.5	2.4
79.7		
		128
43.6	36.3	0.748
412	56.7	2.22
84.1		
		91
17.7	16.6	
16.2		
75.6		
		97
13.5	14.7	
34.5	32.9	
82.3		
		99
34.4	12.1	
28.1		

84.3		99
	10.5	
26.4		
23.4		
83.9		95
	9.92	
10.3		
93.3		93
	9.83	
10.8		
88.5		114
	48.4	
	55	
73.3		94
	11.6	
11.9		
12.8		
84.9		91
	36.9	0.188
	36.7	

			155
	0.53	72.1	1.07
190			
	0.6	46.7	0.409
588			
	34.8	0.121	170
230			
	29.1	1.21	143
182			
	35.8	0.125	120
220			
	260	2.52	231
15.7			
	40.9	0.814	127
157			
	230	12	117
15			
	70.5	0.719	150
29.6			
	62.1	0.585	144
12.6			
	58.6	0.391	122
15.4			
	58.4	1.19	145
67.8			
	50.8	1.25	157
59.2			
			99
	1.08	118	0.536
54			
			114

		0.552	52.9	0.466
60.7				263
		0.554	58.4	0.574
1100				162
			35.1	
232				218
			40.5	3.08
217				131
			42.9	0.125
298				438
			617	8.14
21.3				155
			47.1	0.777
191				139
			334	17.6
				192
33.4			79.1	0.685
				223
18.9			101	1.32
				213
16.4		0.715	131	0.708
				182
32.7			97.6	1.18
				187
36.4			116	1.73

Mercury Nitrate as Nitrate/Nitrite as Nitrate Strontium Thallium Total Alkal TOTAL DIS TOTAL SUS Vanadium

600
597
37.8

666
657
35.8

1090
1080

882
875

688
688
17.1

649
641

26.5

7.83

2400
2380

870
853

598
605
40.9

658
653
42.7

1060
1090

871

883

693
711
20.5

627
658
31.8

660
671
37.6

1080
1100

2370
2420

942

931

661

636

47

937

952

8.16

285

289

453

235

301

285

405

308

14300

44.9

	1160	18300
75.6	688	23200
87.9		17300
42.4	540	22900
99.9	547	24200
123		56200
17.8		20500
61.4		

251
256

229
227

376
374

230
216

280
279

254
253

397
387

301
300

125
125

130
131

138
137

112
113

130
131

119
127

125
126

107
110

695
702
34.1
0.2

974
972

876
874

827
827

641
640
11.6
0.2

		809	
		796	
		689	
		696	
			38
0.2	0.2		
		1010	
		985	
		855	
		888	
			9.98
		816	
		831	
			8.16
0.3	0.3		
		647	
		642	
			17.9
0.2	0.2		

791
824

10.5
380
389
145

312
359
106

3.13
346
349
86.5

300
304
80.4

267
268
40.5

212
220
42.6

281
284
146

220
223
61.9

126
127
83.3

319
327
109

339
344
140

277
289
89.8

10.1
260
271
92.6

3.08
256
266
100

9.12
150
157
78.5

2.81
151
160
75.6

153
159

75.8

149
154
75.1

134
137
60.7

119
123
63.2

147
153
109

126
131
70.2

96.7

103
73.5

153
158
81.8

196
198
103

182
194
90.8

135
138
72.2

9.69
140
141
78.6

3.95
530

500

599

587

438

370

421

365

0.756

191

460

378

322

357

344

372

355

792

588

688

435

856

477

220

548

617

526

476

467

Ammonia as N

Lab. Sample | Lab. ProjecReport I. D.

mostly WC

Lab Name	Lab. Design.	Lab Job #	BASIN	NEW SITE	STRM	DESITE	DESITE	DESIG	OLD SITE	D
Samp_No										
085M-0001				Eureka Gulch abv Terry Tunnel		A39				
085M-0002				Forest Queen		A41				
085M-0003				Maggie @ culvert		A43				
085M-0004				Animas above POW tailings		A45				
085M-0005				Hematite @ confluence		A47				
085M-0006				Old Hundred Mine		A49				
085M-0007				Cunningham below HM tailings		A51				
085M-0008				Animas @ Cunningham?		A53AC				
085M-0009				Howardsville gage		A55				
085M-0010				Animas Abv Arrastra		A56				
085M-0011				Mouth of Arrastra		A58				
085M-0012				Animas blw Arrastra		A60				
085M-0013				Animas abv Boulder		A61				
085M-0014				Animas blw Boulder & Aspen trib		A64				
085M-0015				Animas opp. Power House		A65				
085M-0016				Animas @ Lakawanna bridge		A66				
085M-0017				Mouth of Swansea Gulch		A67				
085M-0018				Animas Gage @ 14th St. Silverton		A68				
085M-0019				Animas Gage blw Silverton		A72				
085M-0020				Animas upstream of Elk Cr.		A73				
085M-0021				Animas Dwnstream of Elk Cr.		A73B				
085M-0022				Animas Dwnstream of Cascade Cr.		A75B				
085M-0023				Mouth of Cascade Cr.		A75CC				
085M-0024				Animas upstream of Cascade Cr.		A75D				
085M-0025				Mouth of Elk Cr.		A75EC				
085M-0026				North End of Durango		Animas @32nd Bridge				
085M-0027				Near Highway split in Durango		Animas @Lightner Creek				
085M-0028				South Durango near Home Depo		Animas @Purple Cliffs				
085M-0029				Bakers Bridge		Bbridge				
085M-0030				Grand Mogul Consolidated discharge		CC01C2				
085M-0031				CC dwnstream of Queen Anne		CC01T				
085M-0032				CC dwnstream of sublevel 1 disc		CC01H				
085M-0033				CC blw Mogul		CC02B				
085M-0034				Mogul		CC02D				
085M-0035				Gold Point		CC02E				
085M-0036				Mogul drainages abv. CC confluent		CC02i				
085M-0037				Bride of Bonita		CC02K				
085M-0038				CC between NF & Red&Bonita abv road cros		CC03ad				
085M-0039				CC abv.Red&Bonita confl.		CC03B				
085M-0040				Red & Bonita Mine, outflow		CC03C				
085M-0041				Red & Bonita @culvert		CC03D				
085M-0042				NF CC above Gold King		CC04				

085M-0043	Gold King 7 level	CC06
085M-0044	Second portal at Gold King 7 level	CC06B
085M-0045	NF at road crossing near confluence	CC07
085M-0046	Silver Ledge	CC14
085M-0047	SF abv Silver Ledge	CC15
085M-0048	SF blw Silver Ledge	CC16B
085M-0049	SF abv CC	CC17
085M-0050	CC above treatment plant	CC18
085M-0051	CC abv. Amer. Tunnel confluence	CC18B
085M-0052	American Tunnel	CC19
085M-0053	CC below SF	CC21
085M-0054	CC above Prospect	CC21B
085M-0055	Prospect above confluence	CC26
085M-0056	CC below Ohio abv Illinois	CC41
085M-0057	CC gaging station	CC48
085M-0064	Fenn drainage just downstream of	CCID-4
085M-0065	Between Bakers & Trimble	JamesRanch
085M-0067	Mineral Gaging Stn	M34
085M-0068	Mogul tailings drainage just before	MTDC4
A830-0001	Animas Gage @ 14th St. Silverton	A68
A830-0002	Animas Gage blw Silverton	A72
A830-0003	Mineral Gaging Stn	M34
A830-0004	Mogul	CC02D
A830-0005	CC downstream of sublevel 1 discharge	CC02D
A830-0006	CC abv. Red&Bonita confl.	CC03B
A830-0007	CC between NF & Red&Bonita adit	CC03B
A830-0008	CC abv. Amer. Tunnel confluence	CC18B
A830-0009	CC above treatment plant	CC18
A830-0010	CC below SF	CC21
A830-0011	CC above Prospect	CC21B
A830-0012	CC below Ohio abv Illinois	CC41
A830-0013	CC gaging station	CC48
A830-0014	Grand Mogul north seep, stream	CC01C1
A830-0015	Grand Mogul,toe of waste pile	CC01C
A830-0016	Grand Mogul adit&small seep, above confluence w/CC	CC01C2
A830-0017	Mogul	CC02D
A830-0018	Gold Point	CC02E
A830-0019	Bride of Bonita	CC02K
A830-0020	Mogul tailings drainage just before	MTDC4
A830-0021	Fenn drainage just downstream of	CCID-4
A830-0022	Red & Bonita @culvert	CC03D
A830-0023	Red & Bonita Mine, outflow	CC03C
A830-0024	NF at road crossing near confluence	CC07
A830-0025	American Tunnel	CC19
A830-0026	Silver Ledge	CC14
A830-0027	SF abv Silver Ledge	CC15
A830-0028	SF blw Silver Ledge	CC16B

A830-0029	SF abv CC	CC17
A830-0030	Prospect above confluence	CC26
A830-0031	Ohio above road	CC40
A830-0032	Illinois gulch	CC42
A830-0033	NF CC above Gold King	CC04
A830-0035	Gold King 7 level	CC06
A830-0037	CC above Queen Anne confluence	CC01H
A830-0038	CC blw Mogul	CC02B
A830-0049	SF abv CC	CC17
A830-0050	Animas Gage blw Silverton	A72
A830-0051	Gold King 7 level	CC06
A830-0052	Mogul	CC02D
A830-0096	Animas Abv Arrastra	A56
A830-0097	Mouth of Arrastra	A58
A830-0098	Boulder @ confluence	A62
A830-0099	Animas blw Boulder?	A62B
A830-0100	Animas Gage @ 14th St. Silverton	A68
A830-0101	Animas Gage @ 14th St. Silverton	A68
A830-0102	Animas Gage @ 14th St. Silverton	A68
A830-0103	Animas Gage @ 14th St. Silverton	A68
A830-0104	?	A69A
A830-0105	?	A70B
A830-0106	?	A71B
A830-0107	Animas Gage blw Silverton	A72
A830-0108	Animas Gage blw Silverton	A72
A830-0109	Animas upstream of Elk Cr.	A73
A830-0110	Animas Dwnstream of Elk Cr.	A73B
A830-0111	Mouth of Elk Cr.	A73EC
A830-0112	Animas Dwnstream of Cascade Cr.	A75B
A830-0113	Mouth of Cascade Cr.	A75CC
A830-0114	Animas upstream of Cascade Cr.	A75D
A830-0115	American Tunnel seep	ATS-1 CC19C
A830-0116	Bakers Bridge	BBRIDGE
A830-0117	Grand Mogul,toe of waste pile	CC01C
A830-0118	Grand Mogul north seep, stream	CC01C1
A830-0119	CC above Grand Mogul, blw waterfall	CC01F
A830-0120	CC above Queen Anne confluence	CC01H
A830-0121	CC below Queen Anne confluence	CC01T
A830-0122	CC downstream sublevel 1 trib; jrd. crossing	CC01U
A830-0123	CC Below Mogul	CC02B
A830-0124	?	CC02B2
A830-0125	Mogul	CC02D
A830-0126	Gold Point	CC02E
A830-0127	Mogul sublevel 1 waste pile seep	CC02Hside
A830-0128	Pride of Bonita	CC02K
A830-0129	CC between NF & Red&Bonita a	CC02bad cross
A830-0130	?	CC03A

A830-0131	CC abv.Red&Bonita confl.	CC03B	CCOPP12
A830-0132	Red & Bonita Mine, outflow	CC03C	
A830-0133	Red & Bonita @culvert	CC03D	
A830-0134	?	CC03E	
A830-0135	Gold King 7 level	CC06	
A830-0136	Second portal at Gold King 7 level	CC06B	
A830-0137	NF at road crossing near confluence	CC07	
A830-0138	Silver Ledge	CC14	
A830-0139	SF abv Silver Ledge	CC15	
A830-0140	SF blw Silver Ledge	CC16B	
A830-0141	SF abv CC	CC17	
A830-0142	CC above treatment plant	CC18	
A830-0143	CC abv. Amer. Tunnel confluence	CC19	eds.blwNF
A830-0144	American Tunnel	CC19	
A830-0145	American Tunnel Seep	CC19C	
A830-0146	CC below treatment plant	CC20	
A830-0147	?	CC20B	
A830-0148	CC below SF	CC21	
A830-0149	CC below SF	CC21	
A830-0150	CC above Prospect	CC21B	
A830-0151	CC above Prospect	CC21B	
A830-0152	Prospect above confluence	CC26	
A830-0153	Near Bogwan?	CC28C	
A830-0154	Near Bogwan?	CC28C	
A830-0155	Near Bogwan?	CC28C	
A830-0156	Near Georgia gulch?	CC30N	
A830-0157	CC above Minnesota	CC34	
A830-0158	CC above Minnesota	CC34	
A830-0159	Porcupine above road	CC38	
A830-0160	Monarch Mine	CC38C	
A830-0161	Ohio above road	CC-40	
A830-0162	Ohio blw road?	CC40B	
A830-0163	Ohio blw road?	CC40B	
A830-0164	CC below Ohio	CC41	
A830-0165	Illinois gulch	CC42	
A830-0166	Topeka blw road?	CC44B	
A830-0167	Near Mayday dump?	CC45K	
A830-0168	Niagara?	CC46B	
A830-0169	Hancock?	CC47C	
A830-0170	CC gaging station	CC48	
A830-0171	CC gaging station	CC48	
A830-0172	CC@confluence	CC49	
A830-0173	Animas Gage @ 14th St. Silverton	A68	
A830-0174	Mogul	CC02D	
A830-0175	CC above Prospect	CC21B	
A830-0176	Prospect above confluence	CC26	
A830-0177	CC@confluence	CC49	

A830-0178	CC gaging station	CC48
A830-0179	?	CC03E
A830-0184	Fenn drainage just downstream of RD ID-4	
A830-0185	Mineral Gaging Stn	M34
A830-0186	Mineral Gaging Stn	M34
A830-0187	Mogul tailings drainage just before RD CO 4	
A830-0188	Near Tailings Pond #4?	SEEP A
A830-0437	Animas Abv Arrastra	A56
A830-0438	Mouth of Arrastra	A58
A830-0439	Animas blw Arrastra	A60
A830-0440	Animas abv Boulder	A61
A830-0441	Animas blw Boulder & Aspen trib.	A64
A830-0442	Animas opp. Power House	A65
A830-0443	Animas @ Lakawanna bridge	A66
A830-0444	Mouth of Swansea Gulch	A67
A830-0445	Animas Gage @ 14th St. Silverton	A68
A830-0446	Animas Gage blw Silverton	A72
A830-0447	Animas upstream of Elk Cr.	A73
A830-0448	Animas Dwnstream of Elk Cr.	A73B
A830-0449	Mouth of Elk Cr.	A73EC
A830-0450	Mouth of Molas Cr.	A73MC
A830-0451	Animas Dwnstream of Cascade Cr.	A75B
A830-0452	Mouth of Cascade Cr.	A75CC
A830-0453	Animas upstream of Cascade Cr.	A75D
A830-0454	Bakers Bridge	Bbridge
A830-0455	CC Below Mogul	CC02B
A830-0456	Mogul	CC02D
A830-0457	Mogul sublevel 1 waste pile seep	CC02H inside
A830-0458	CC between NF & Red&Bonita abv road crossing	CC02A
A830-0459	CC abv. Red&Bonita confl.	CC03B
A830-0460	Red & Bonita Mine, outflow	CC03C
A830-0461	Red & Bonita @culvert	CC03D
A830-0462	NF at road crossing near confluence	CC07
A830-0463	Silver Ledge	CC14
A830-0464	SF abv Silver Ledge	CC15
A830-0465	SF blw Silver Ledge	CC16B
A830-0466	SF abv CC	CC17
A830-0467	CC above treatment plant	CC18
A830-0468	CC abv. Amer. Tunnel confluence	CC18
A830-0469	American Tunnel	CC19
A830-0470	CC below SF	CC21
A830-0471	CC above Prospect	CC21B
A830-0472	Prospect above confluence	CC26
A830-0473	Ohio above road	CC40
A830-0474	CC below Ohio	CC41
A830-0475	Illinois gulch	CC42
A830-0476	CC gaging station	CC48

A830-0485	Fenn drainage just downstream of MTC4 ID-4
A830-0486	Mineral Gaging Stn M34
A830-0487	Mogul tailings drainage just before MTC4 A68
A830-0742	Howardsville gage A55
A830-0743	Animas Abv Arrastra A56
A830-0744	Animas Gage @ 14th St. Silverton A68
A830-0745	Animas upstream of Elk Cr. A73
A830-0746	Animas upstream of Cascade Cr. A75D
A830-0747	Bakers Bridge Bbridge
A830-0750	Howardsville gage A55
A830-0751	Animas Abv Arrastra A56
A830-0752	Mouth of Arrastra A58
A830-0753	Animas blw Arrastra A60
A830-0754	Animas abv Boulder A61
A830-0755	Animas blw Boulder & Aspen trib A64
A830-0756	Animas opp. Power House A65
A830-0757	Animas @ Lakawanna bridge A66
A830-0758	Mouth of Swansea Gulch A67
A830-0759	Animas Gage @ 14th St. Silverton A68
A830-0760	Animas Gage blw Silverton A72
A830-0761	Animas upstream of Elk Cr. A73
A830-0762	Animas Dwnstream of Elk Cr. A73B
A830-0763	Animas Dwnstream of Cascade Cr. A75B
A830-0764	Mouth of Cascade Cr. A75CC
A830-0765	Animas upstream of Cascade Cr. A75D
A830-0766	Bakers Bridge Bbridge
A830-0769	CC between NF & Red&Bonita abv road crossing A60
A830-0770	CC abv. Red&Bonita confl. CC03B
A830-0771	Red & Bonita Mine, outflow CC03C
A830-0772	NF at road crossing near confluence A60
A830-0773	Silver Ledge CC14
A830-0774	SF blw Silver Ledge CC16B
A830-0775	SF abv CC CC17
A830-0776	CC above treatment plant CC18
A830-0777	American Tunnel CC19
A830-0778	CC below SF CC21
A830-0779	CC above Prospect CC21B
A830-0780	Prospect above confluence CC26
A830-0781	CC below Ohio CC41
A830-0782	CC gaging station CC48
A830-0788	Mineral Gaging Stn M34
A830-0793	Animas Gage @ 14th St. Silverton A68
A830-0794	Animas Gage @ 14th St. Silverton A68
A830-0795	Animas Gage @ 14th St. Silverton A68
A830-0796	Animas Gage @ 14th St. Silverton A68
A830-0797	Animas Gage @ 14th St. Silverton A68
A830-0798	Animas Gage @ 14th St. Silverton A68

A830-0799	Animas Gage @ 14th St. Silverton	A68
A830-0800	Animas Gage @ 14th St. Silverton	A68
A830-0801	Animas Gage @ 14th St. Silverton	A68
A830-0802	Animas Gage @ 14th St. Silverton	A68
A830-0803	Animas Gage blw Silverton	A72
A830-0804	Animas Gage blw Silverton	A72
A830-0805	Animas Gage blw Silverton	A72
A830-0806	Animas Gage blw Silverton	A72
A830-0807	Animas Gage blw Silverton	A72
A830-0808	Animas Gage blw Silverton	A72
A830-0809	Animas Gage blw Silverton	A72
A830-0810	Animas Gage blw Silverton	A72
A830-0811	Animas Gage blw Silverton	A72
A830-0812	Animas Gage blw Silverton	A72
A830-0813	Animas Gage blw Silverton	A72
A830-0814	Animas upstream of Elk Cr.	A73
A830-0815	Animas upstream of Elk Cr.	A73
A830-0816	Animas upstream of Cascade Cr.	A75
A830-0817	Bakers Bridge	Bbridge

Herron, SGC, USGS, CRW, ARSG (often previous site designations)

NATION Allia OTHER AL USGS AML MISNOMM SAMPLE NUMBER DATE TIME_24HR AGENCY COMMENT

9/25/2014	14:25
9/25/2014	14:10
9/25/2014	13:15
9/25/2014	12:55
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9/23/2014	17:20
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9/25/2014	8:50
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9/23/2014	16:20
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10/4/2012	9:30
10/3/2012	14:30
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10/3/2012	11:05
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10/2/2012	12:00
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10/2/2012	10:00
10/4/2012	9:30
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10/4/2012	13:30
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5/14/2013	13:40
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6/13/2014	15:15
6/23/2014	13:15

7/2/2014	14:15
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5/27/2014	11:30
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7/11/2014	10:45
7/20/2014	14:00
7/9/2014	15:10
7/29/2014	9:45
7/29/2014	14:55
7/29/2014	16:30

TYPE	PURPOSE	LAT_DD	LONG_DD	ELEV_FT	flow_CFS daily mean	FLOW_CFS	ST_Q_GPM	PH	pH-lab
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37.81900107.64421

	as CaCO3=	mg/l	Mg/l	Mg/l					
TEMP_C	field Cond.	lab cond.	HARD_MG	Field Alk	Phen_Alk	Total alk.	ACIDITY	CA_TOT_M	CA_DIS_M
73							21900	23000	
118							36000	38600	
115							37100	39800	
124							40900	43700	
121							40000	42600	
121							39000	42600	
122							40800	43300	
128							42600	45700	
112							37400	40200	
114				35.3			38000	40900	
78							27000	28900	
111							37100	40200	
111							36600	39900	
113							37400	40700	
117							40200	42100	
120							40500	43500	
58							19600	20700	
114							39000	41000	
144							49100	51200	
142							47600	50200	
83							25600	27900	
85							28400	29200	
83							24300	25700	
92							28400	31900	
26							5740	6260	
143							43500	47100	
121							37600	39900	
121							37400	39500	
99							30200	33400	
66							15700	17200	
179							54800	59400	
178							53900	58700	
168							52000	56300	
625							213000	228000	
412							144000	153000	
194							58900	64000	
124							42200	43900	
411							138000	147000	
179							60400	61800	
1170							420000	426000	
1170							416000	427000	
110							33500	35800	

1000		356000	358000
961		341000	344000
495		169000	166000
537		201000	201000
92		31500	33500
287		106000	107000
283		102000	104000
413		145000	147000
393		140000	140000
245		441000	88700
72		686000	26000
70		122000	25000
92		27000	27500
66		116000	23700
67		24300	24300
336		118000	123000
95		30800	32100
118		29800	41300
368		39600	129000
72	26	25600	25700
87	15.4	30600	31000
77	18	27100	27100
530		202000	193000
59		19400	19200
60		20700	20500
169		59400	60300
175		64100	62100
201		72500	71300
145		52300	51800
149		52200	53000
159		56700	56800
180		63700	64600
36		10500	10500
34		10200	10400
38		11200	11300
538		193000	196000
380	15.6	138000	140000
119		42500	42200
177		61200	62200
227		82500	82700
1200		463000	433000
1180		455000	427000
256		90400	89200
1210		448000	436000
510		199000	189000
48		17500	17000
130	5.22	49200	47600

131		6.5	49500	47800
35			10900	10600
61			18500	18700
534		71	208000	203000
38			12300	12200
1020			378000	373000
44			14900	14900
58			19000	19400
133		6.22	49200	48600
83		15.9	30500	29300
1080			371000	395000
520			191000	189000
168		41.6	58500	61400
117		52.1	41300	43300
102		41.2	36500	38100
104		43	38100	38900
174		35.3	63700	63500
172		31.2	61600	62700
173		35.7	61300	63300
174		32.8	62200	63700
297		5.26	105000	109000
295			103000	108000
263			92400	94900
261			91100	94300
266			93300	95900
251			88900	90300
217		5.54	75600	77600
27		9.88	6870	7090
193		9.6	65300	68400
124		95.2	35800	36900
191		9.52	66300	67700
1140			420000	399000
183		27.6	61200	63300
64			15800	16200
75			17800	17900
158		22.7	54600	55700
120			39600	41200
174			55900	57800
175			57000	58500
213			70800	72600
241			81300	83600
610			215000	221000
441		27.1	159000	163000
169			55600	56200
108			37500	37900
741			272000	268000
275			96000	97900

283		100000	102000
1210		443000	439000
1210		444000	439000
1220		454000	445000
1040		388000	381000
1040		376000	379000
889		316000	309000
598	9.35	227000	224000
102	6.82	37900	37600
423		163000	158000
468	11.5	180000	174000
798		292000	287000
747		273000	269000
1290		469000	463000
1280		461000	458000
795		290000	286000
1020		344000	342000
625		230000	227000
622		233000	226000
520		191000	188000
522		192000	189000
124		34100	34100
508		186000	183000
504		184000	181000
508		185000	183000
515		188000	186000
520		191000	188000
529		193000	192000
791	25.2	292000	289000
877	16.3	318000	319000
305		98300	98300
517		189000	187000
525		187000	190000
518		188000	188000
612	73.8	231000	234000
522		189000	190000
529		194000	193000
527		192000	192000
516		191000	188000
515		189000	188000
515		192000	188000
545		190000	199000
172	37.4	60000	62900
597		209000	217000
123		32500	33700
532		184000	192000
537		191000	196000

537		190000	196000
1220		432000	443000
403		142000	146000
220		75100	77300
225		76800	79200
461		160000	164000
304		103000	106000
	25.3	21900	23100
	36.8	24000	25900
	26	24200	26400
	29.9	27900	28000
	22.8	22700	22600
	24.3	22700	23400
	24.3	22900	22800
	22.6	15200	15500
	28.7	23900	23800
	13.3	28900	29100
	16.5	24400	25100
	11.4	12000	11600
	9.39	5500	5610
	53	16400	16800
	16.1	21200	21200
	46.6	18300	18000
	14.7	20900	20800
	25.7	19500	19400
51		16900	16900
331		115000	120000
43		15100	14100
83		28200	29400
39		13100	13300
1240		470000	453000
1150		423000	419000
128		41700	41700
546	8.39	224000	205000
43		14800	14600
97		37000	34900
136		49200	48900
109		39000	38100
90		31400	31100
1220		445000	439000
145		48400	51200
136		47500	48100
26		7520	7790
70		21000	21400
124		41600	43900
581		232000	222000
129		46000	46000

192			69500	70200
79	13.6		27200	27800
66			21700	22300
133	28		49000	48200
131	29.9		48000	47700
151	35.2		54300	54300
182	29.6		63300	64500
133	29.1		46400	46700
127	28.9		41500	41700
	28.6		28400	29100
	28.1		28500	28400
	20.8		23600	23200
	28.5		27700	28100
	10.2		28400	28700
	20.3		27500	27500
	14.3		28500	28700
	21.7		27500	28200
	65.2		17200	17300
	20.7		31500	31500
	38.8		35800	36600
			30500	30700
			17800	17700
	10.2		23900	23900
			20800	21300
		19.1	24200	26000
			23200	24000
160			58300	57200
57			19000	19600
1180	15.4		433000	429000
233			70200	70300
586			219000	220000
292			109000	108000
221			80300	80400
184			63300	64600
1260	13		442000	453000
207			73800	72100
167			57600	58600
23			6930	6880
134			46600	47100
126			43900	44600
			32300	32200
103			37600	37900
63			22600	23000
53			18600	19200
50			17500	18200
53			18800	19100
64			22700	23400

65	23200	23500
93	33600	34100
74	26200	27000
92	32500	33600
134	49000	49000
73	25500	26400
70	25700	25400
55	20000	20000
60	21200	21700
74	25600	26900
81	28500	29300
123	43200	44900
119	41300	43300
96	31600	34800
120	42000	43500
89	30900	32100
99	33800	35600
76	25400	27000
75	25200	25800

Totals

Ca	as	CaCCMG_TOT	MMG_DIS	MAL_TOT	AL_DIS	AG_TOT	AG_DIS	AS_TOT	AS_DIS	AU_DIS
3800		3730		2470		880				
5140		5180		3620		1930				
3880		3890		1200		76.1				
3630		3650		868		80.4				
3500		3560		639		68.3				
3450		3540		658		63.5				
3240		3310		308		39.1				
3280		3320		283		46				
2810		2870		208		37.6				
2860		2910		188		61.4				
1420		1380		28.6						
2670		2660		174		43.3				
2690		2720		168		64.9				
2650		2730		150		63				
2780		2790		160		54.7				
2860		2850		174		59.9				
1420		1440		37.8						
2720		2790		164		73				
3820		3920		1110		38.9				
3790		4010		933		36.9				
3000		3170		612		43.1				
2900		2930		562		61.8				
4350		4540		296		87.7				
2870		3010		534		66.2				
2230		2400		278		56.7				
6050		6250		348		40.4				
5320		5300		449		51.1				
5430		5310		612		60.7				
3660		3750		399		76.9				
5410		5570		6160		6290		6.49		5.5
7370		7540		2100		1430				
7420		7570		2090		1350				
6620		6700		2050		1720				
13200		13300		3570		3570				
7370		7370		285		244		8.81		8.72
8070		8270		1500		1510				
3470		3540		2220		2260				
10200		10400		2630		2010				
6020		6020		1850		1640				
25600		24900		4250		3920				
25100		25000		4140		2370				
5060		4970		2320		2080				

26800	26400	33100	32700		
25400	24800	29000	28200		
20600	19800	20100	19400		
8600	8350	957	757		
1980	2030	521	122		
5090	4920	874	204		
5920	5700	1450	193		
11500	11200	5210	4540		
11100	10500	4200	3410		
29600	5810	4780	871		
47200	1720	17100	504		
8730	1760	3550	670		
5420	5530	8720	8760	10.2	11.5
8220	1650	4960	976	3.52	
1580	1580	938	938	3.09	
6940	7060	3190	3170		
3740	3690	429	68		
9290	3680		46		
3590	11300	1260	7850		
1810	1800	154	57.2		
2350	2340	701	32.4		
2350	2330	824	45		
12300	11800	2960	2840		
2580	2570	1060	894		
2140	2080	1050	837		
4460	4550	1470	1310		
5030	4920	2290	2090		
5620	5600	2400	2310		
4030	3770	2270	1190		
4030	3960	2030	1440		
4320	4270	2710	2410	0.513	
4480	4510	2690	2470		
2340	2360	2050	2050	2.56	
1880	1870	1470	1470	0.905	
2320	2290	2270	2210	0.592	
11900	11900	2890	2890		
7160	7180	420	368	10.1	8.12
3330	3360	2010	2020		
5270	5360	3600	3690		
5060	5070	2900	2900		
29700	27900	4800	2750		
28900	27600	4750	4370		
8130	8080	7690	7490		
31700	30500	5350	4890		
9290	8880	1440	1030	2.54	
1430	1290	1710	144	0.506	
2700	2670	827	198		

3030	2910	1420	93.7		
2190	2000	3180	2170	9.75	1.25
3520	3470	2320	2100		
6500	6260	541			
1790	1760	886	720		
22200	22100	21200	21000		
1730	1700	759	425		
2370	2370	1080	833		
3010	2920	1410	105		
2380	2280	715	34.8		
21800	22000	20900	21000	3.02	2.52
12000	11700	2930	2850		2.54
3550	3670		42.7		
2040	2090				
1720	1760		22.4		
1650	1670				
3740	3730		62.2		
3670	3660		53.1		
3630	3680		51.7		
3680	3700		49.1		
6250	6360	2520	603		
6100	6280	2460	1690		
6250	6380	2780	309		
6200	6350	2620	342		
6330	6460	2710	418		
6170	6210	2420	44.8		
5510	5660	1980	39.1		
2310	2340				
5130	5290	830	21.3		
7680	7820		34.4		
5210	5260	1790			
36000	34400	31800	30700		
5970	6060	234	26.2		
5610	5760	5330	5460	0.743	
7350	7430	11500	11700	13.1	1.56
4540	4600	280	134		
3960	4130	346	341		
6790	7070	1290	1240		
6910	7140	1260	1070		
7430	7610	2600	2360		
7650	7790	2760	2700		
13500	14000	3430	3540		
8160	8330	224	234	11.1	9.1
6750	6890	1190	1060		
3100	3140	1930	2010		
17300	17200	4220	2950		
7120	7280	2360	2410		

6760	6910	2240	2290		
27600	27500	4540	4530		
27700	27400	4410	2580		
27800	27600	4840	2420		
21700	21600	18100	18200		
21900	22400	20100	20500		
28600	28500	28100	28300		
9320	9290	880	717		
2060	2060	470			
7110	6980	1320	320		
8420	8260	1690	295		
19500	19600	7090	7010		
18200	18000	7130	6840		
32200	31900	5150	4970		
31900	32000	5610	5370		
19800	19700	7750	7600		
40800	40800	37100	37300		
13800	13800	4560	3950		
14000	13800	4660	3900		
12500	12400	6200	5770	2.68	
12300	12400	4990	4930		
9570	9510	24500	25000	39.7	35.1
12600	12500	9470	9240	10.7	6.69
12700	12400	9410	9070	11.1	8.4
12700	12400	9580	9140	10.7	7.55
12800	12500	9380	9050	9.03	4.42
12300	12100	8860	8560	6.92	
12400	12200	8930	8580	6.73	3
17000	16700	406		2.68	
19500	19400	295	187	3.33	
14500	14400	9920	9690		
12200	12000	8600	8290	6.29	
12100	12100	8530	8400	7.16	
12200	12000	8530	8160	6.11	
6970	6930	496	161		
11400	11400	7510	7350	6.1	
11600	11400	7550	7290	6.59	
11400	11400	7710	7540	5.94	
11400	11200	7800	7460	4.9	
11300	11100	7670	7480	4.81	
11500	11100	7890	7520	4.92	
11400	11600	7800	7660	4.67	
3650	3690				
13500	13300	3440	3200	2.53	
9380	9520	24600	24500		37.6
12500	12600	6300	5790		
11400	11500	7770	7600	4.82	

11400	11500	7780	7630		4.3
27400	27700	4870	2430		
9000	9040	4510	4440		
6420	6460	3390	177		
6620	6690	3670	373		
12800	12800	8030	7810		
9110	9340	2940	1510		
1660	1720	817	48.7		
1190	1280	57.1			
1740	1900	370	49.8		
1970	2000	322	70.4		
1690	1640	343	70.5		
1700	1690	698	81.4		
1700	1650	653	76.7		
1140	1190	57.6	37.3		
1740	1730	534	93.3		
2260	2290	938	58.9		
2110	2080	1280	73.1		
2100	2030	666	83.1		
1960	2020	323	91.7		
3590	3760	131	81.6		
2200	2070	1650	84.2		
3030	2980	485	93		
2160	2030	1630	86.7		
2460	2340	1310	84.2		
2350	2170	1930	1030		
7280	7400	1320	1310		
2200	2020	1090	925		
2630	2410	2680	1150		
2400	1400	4740	761		4.45
29200	27200	4800	4310		
26400	25500	4940	3820		
6190	5900	6410	5330		
9010	8230	1310	815		
1550	1540	2050	1380		
2750	2310	3570	1450		
5350	3300	8850	1540		15.8
4260	3370	4740	1760		
3790	2980	4680	1770		5.09
31100	29500	4870	4070		
4310	4070	3340	2080		
3970	3870	2620	2020		
1590	1610	2100	1910		5.06
3960	3960	2880	2590		1.32
3410	3570	2260	2290		
6820	6470	473	270		
3630	3530	2690	2290		

3970	4000	1960	1930		
2330	2340	1270	62.6		
2540	2570	734	756		
3000	2980	67.8	24.8		
2970	2980	71.2	40.8		
3590	3600	438	82.9		
4880	4980	1620	32.2		
4080	4080	1260	36.9		
5590	5550	843	69.1		
2070	2030	376	54		
2090	2010	392	58.1		
1210	1160	141	22.9		
2020	1970	452	52.5		
2120	2060	549	116		
2040	1920	514	84.8		
2050	2000	454	89.9		
2030	1970	547	93.1		
1460	1390	335	72.8		
2280	2150	508	112		
3000	2820	2340	37.4		
2770	2680	1050	38.6		
2520	2450	640	64.6		
2600	2470	1040	58.9		
3720	3690	350	67.8		
2600	2630	1060	58.1		
3210	3180	734	79.3		
4280	4100	1930	1600		
1870	1860	1270	1130		
27000	26100	4530	4210	2.59	
14300	13900	14400	13900	10.4	12.4
9030	8920	1070	437		
5170	5140	1820	1180		
4930	4900	2020	954		
5470	5530	3230	2940	1.09	
30400	31500	4760	4530	3.38	
6840	6620	4400	3970	1.02	
5010	5080	3200	2940	0.703	
1640	1530	2530	2020	3.83	1.94
4070	4030	3210	2670	4.11	0.514
3770	3620	3280	2360	4.43	
2950	2830	2610	35.5	3.24	
2180	1970	219	63.6		
1540	1280	744	57.5		
1470	1130	1350	38.8		
1360	1160	776	32.5		
1350	1210	348	36.6		
1480	1410	149	38.8		

1480	1410	135	45.9
1940	1820	95.7	56.4
1630	1610	138	48
1870	1930	89.9	44.5
2970	2850	1030	36.2
1870	1640	1400	41.8
1830	1630	768	42.7
1580	1310	951	56.8
1520	1490	518	67.2
1790	1770	387	27.4
1940	1960	442	29.9
2810	2700	788	28.3
2660	2630	722	13.2
2200	2250	529	25.7
2700	2700	756	26.6
2130	2160	432	55.3
2340	2350	834	28.5
2110	2100	568	46.8
2560	2590	835	67.2

B_TOT	B_DIS	BR_DIS	SB_TOT	SB_DIS	BA_TOT	BA_DIS	BE_TOT	BE_DIS	CO_TOT
					16.6				1.91
					18	6.14	5.23		1.65
					16				0.797
					16				0.72
					15.3				0.615
					18				0.553
					21.8				
					21.3				
					29.7	28.7			
					29.9	29.1			
					4.76	21.3			
					27.2	26.9			
					27.8	26.3			
					26	26.3			
					25.5	26.2			
					26.1	25.9			
					30.3	28.7			
					25.2	25.7			
					25.5	26.5			2.87
					27.1	28.6			2.46
					32.8	33.6			1.46
						22.5			1.2
					65.9	66.3			
						23			1.3
					35.8	38.7			0.576
					40.6	42.8			
					37.5	35.1			
					45.6	32.8			0.506
					37	33.2			0.831
						19.7			6.58
					32.1	32.6			0.547
					29.5	32.5			0.609
					29.8	31.9			1.27
							3.84	4.48	18.7
									4.87
					36.4	37.7			
						11.7			7.44
									20.7
						27.8			1.43
									86.1
									82.3
							21.5		3.8

			100
			96.4
			49.7
			14.3
	11.4		1.53
			7.46
			5.51
			25.9
			22.8
			121
			17.8
			15.9
26.6	28.8		13.7
			15.3
			14.7
			1.35
31.3	32.3		0.583
	25.4		
			2.62
	16.5		
	17.2		1.57
	17.4		1.58
		3.1	2.99
			20
	153		
	16.1		0.708
	15.3		9.95
	13.6		10.6
	13.8		13.2
	12.1		7.53
	12.6		7.5
	14.5		8.22
	15.5		8.04
	14.7		2.73
	15.8		1.02
	15		1.98
		3.31	3
			21.7
			6
	6.95		7.08
	10.8		6.39
	10.8		0.832
			103
			100
	7.3		21.6
			145
			16.4
	8.96		2.8
	8.67		4.97

	8.65		3.4
34.3	23.4		4.72
	20.3		9.08
	8.52		1.53
		74.1	
	16		
	13.5		0.668
	9.03		3.27
	15.9		1.49
	7.45	5.54	70.5
	8.73	3.31	3.11
26.2	26.5		
31.5	31.3		
	10.8		
	11		
26.6	25.5		
25.4	25.7		
25.3	25.3		
25.6	24.8		
	20.2		8.65
	20.4		8.3
	23.1		7.85
	23		7.51
	22.9		7.95
	25.3		6.97
25.9	27.2		5.66
38.2	40		
25.4	27.1		3.62
75.4	82.7		
27.1	27		4.29
		183	
34	32.3		1.93
	7.73		6.28
		13.6	
36.4	36.4		
25.7	25.2		
29.3	30		
29.6	30		
28.3	28.3		2.39
27	26.5		2.29
		3.75	21.6
			4.62
30.2	29.5		
	8.39		6.49
			48.7
25.5	23.8		1.97

23	1.98
	93.6
	99.6
	97.6
	71.5
	71.9
	84.3
	14.3
	1.07
	9.63
	7.48
	58.7
	50
	139
	137
	62.9
	151
	32.9
	33.8
	29.8
	29.1
	38.9
	33.7
	34
	34.7
	34
	31.7
	31.3
	31.2
	33
26.7	36.6
	30
	31.2
	31.4
	25.9
	26.5
	26.3
	27.1
	25.4
	23.1
	22.7
26.7	25.2
	21.8
	31.6
	27.8
	23.2

			23.4
			91.1
			1.61
	25.2	25.4	6.6
	25.7	27.1	7.02
			14.9
			18.9
	26.9	16.8	
		18.1	
		17.4	
		18.2	
		14.9	
		15.5	
		15.2	
		20.4	
		15	
			1.65
			1.66
	28.3	25.4	0.932
	30.5	29.2	
	34.8	35.1	
	25.9	15.2	1.83
	45.6	43.6	
		15.4	1.85
	28.2	20.8	1.49
	33.8	15.8	1.2
			11.5
		15.6	0.601
	32.3	15.6	6.07
	66	17.7	3.54
			104
			92.4
			14.8
			12.8
		9.92	6.83
			8.89
	189		8.29
			9.81
			8.3
			139
			9.98
			8.6
	34.8	29.5	4.7
	33.7		10.1
			7.57
			7.28

1.59

	26	
25.1	23.9	
	21.8	1.44
	22.2	4.11
	21.3	2.87
38.3	33.7	1.54
	20.1	
	21.1	
	18.1	
	20.3	
	20.7	0.596
	20	
	19.5	
	19.5	0.574
27.7	26.2	
	20	0.703
35.1	20.4	3.36
	20.4	2
31.8	29.3	1.08
	18.8	1.59
52.7	49.6	
	19	1.63
32.1	27.2	1.08
	14.1	11.2
	14.8	2.28
		101
	6.56	34.6
		15.3
		11.4
	9.94	7.58
	11.2	15.9
		151
	11.5	19.4
	11.8	12.9
41.2	27.7	4.74
	14.4	9.71
34.9	18	8.9
34.6	19.9	2.86

CO_DIS	CD_TOT	CD_DIS	CU_TOT	CU_DIS	CR_TOT	CR_DIS	CN_TOT_NFE_TOT	FE_DIS
1.95	5.79	5.71	16.1	16.3				
1.7	6.09	6.27	22.6	19.2			178	123
0.831	3.23	3.36	22.9	5.59				
0.693	2.55	2.47	18.3	4.95				
0.639	2.32	2.31	13.9	4.63				
0.598	1.99	2.18	13	4.45				
0.353	1.35	1.34	6.3	3.36				
0.323	1.36	1.37	5.88	2.94				
0.251	0.878	0.877	4.62	2.59				
0.251	0.985	0.863	3.89	2.44				
	0.868	2.53	4.99	4.39				
0.235	0.929	0.986	4.13	2.8				
0.231	0.988	0.932	5	3.43				
0.232	0.93	1.01	4.64	3.45				
0.236	0.944	1.05	4.96	2.97				
0.442	1.01	1.13	5.11	3.46				
0.14	0.862	0.781	2.78	1.7				
0.37	1.09	1.08	4.69	3.32				
2.98	1.11	1.19	10.3	3.02			1340	443
2.66	0.968	1.01	8.29	1.92			1080	115
1.65	0.584	0.572	4.3	1.42			569	104
1.3	0.51	0.517	4.06	2.01			585	
0.233				1.01				
1.26	0.505	0.542	4.39	1.91				580
0.569				0.522				
0.222		0.184	2.98	1.37			448	
0.216		0.134	3.59	1.82			525	
0.171			4	1.79	1.01		743	
0.905		0.354	2.82	1.89			317	
7.24	58.8	54.2	1510	1700			12500	13100
0.694	10.7	12	136	146			729	
0.692	11.1	11.9	142	143			699	
1.36	12.5	14.1	151	164			681	215
22.6	61.6	65.3	18.7	25.8			25000	24900
5.83		0.526	3.11				5270	4750
0.402	10	10.9	21.5	27.5				
6.86	22.3	23.1	17.7	14.7			9240	5860
21.1	13.6	14.6	118	104			18000	16800
1.52	10.7	12.2	138	132			613	199
86.5	23.9	22.7	20.1	17.8			87400	82000
88	23.1	23.7	18.4	15.3			88200	81600
4.02	3.76	4.31	162	158			1620	1180

100	88.6	88.6	5020	4960		93900	91300
93.9	77.7	77.7	4800	4490		89700	86800
48.2	44.8	46.4	1810	1610		42100	40900
14.2	1.66	1.63	8.95			18800	17800
1.56		0.246	6.52	3.69		264	
7.28		1.01	9.89	4.42		7810	7130
5.15	1.29	1.3	18.1	5.48		3700	1670
22.1	16.7	15.6	287	228		35000	17600
20.8	16.4	16.9	257	216		20200	19000
115	1.58	1.89	8.3	7		137000	26600
14.6	10.5	9.14	152	110		60700	1700
15.1	8.34	8.87	123	106		10700	1880
13.1	4	4.16	135	121		17500	17500
14.6	5.8	5.61	83	73.2		12100	2160
13.7	4.66	5.08	76.1	65.3		1420	1420
1.77	11.3	12.5	83.5	92.1			
0.637		0.284	4	1.76		423	
2.6		0.387		1.48			858
12.6		57.8	4.88	542		1510	3290
	0.921	0.866	5.86	4.33		111	
1.54	0.957	0.902	12.2	4.36		1280	780
1.5		0.284	5.71	1.69		1170	512
21.3	35.5	36.9	19.2	22.1		29800	23200
3.58	5.15	55.4	125	1240		334	112
0.699	4.82	4.66	89.3	88.7		661	128
9.66	7.43	7.91	91.2	88.2		7480	7170
10.5	8.31	8.69	176	172		7910	7070
13.7	8.31	8.7	168	171		9720	9080
7.31	4.96	4.84	105	92.2		7240	3410
7.72	4.06	4.23	82	80.5		6590	4120
8.29	3.33	3.42	78.3	77.4		7130	5880
7.99	2.81	2.91	61.5	61.2		6510	5360
2.54	18.4	17.2	571	558		5030	4860
1.1	11.8	12.7	281	285		1780	1790
2.03	16.6	17.2	610	633		2540	2380
20.6	36.8	35.9	22.6	20.8		25600	23900
5.92	1.83	1.73				9530	6120
6.65	15.7	16.5	15.5	15.1		3910	3930
5.85	24.6	25.1	424	388		2160	2020
0.665	10.1	10.2	118	113		456	245
107	34.7	33.2				96800	87900
105	32.1	33.6				96100	88700
21.1	18.1	17.6	924	925		12200	10900
148	2.14	2.55				140000	134000
17.1	3.24	3.09	35.1	20.5		23000	21200
2.53		0.254	13.5	4.52		5080	
4.55	0.903	0.78	14.1	6.92		4130	3440

3.31	1.09	0.958	22.2	5.83			3320	1190
4.97	2.39	2.6	178	185			7600	4180
8.76		0.529	31.6	31.1			8520	7260
							2680	
1.57	1.58	1.47	78.4	78.6			903	177
75.2	56.4	57.1	3730	3800			50300	46800
0.412	5.26	5.07	148	141			591	132
0.512	5.75	5.58	119	102			557	109
3.28	0.901	0.966	21	5.87			3220	1200
1.42	0.756	0.873	11.7	3.87			1260	712
67.5	54.1	50.5	3540	3320	4.02		49500	46700
18.9	34.4	35.9	18.3	17.3			25200	23300
	1.01	0.594		0.695				
	1.85	1.48	6.38	4.66	2			
0.515	0.235		3.1	2.77	2.57			
	0.214		3.3	0.913	1.72			
	1.29	1.19	4.46	2.73				
	1.51	1.32	3.82	1.95				
	1.56	1.31	4.04	1.9				
	1.51	1.29	3.82	1.26	5.16			
7.71	2.97	2.74	27.8	16.3			5100	2180
7.64	2.71	2.67	27.1	24.8			4890	2270
7.77	2.02	1.9	18.1	8.7			4640	2480
6.77	2.12	1.83	18	9.52	2.34		4240	2210
7.24	2.1	1.85	18.2	10.5	1.83		4390	2150
6.9	2.2	1.7	15.9	4.3			3210	1020
5.36	1.47	1.4	13.1	3.08	5.83		2790	810
				0.732				
3.63	1.12	1.06	5.19	0.732			1060	
					1.23			
3.44	1.29	1.05	12.6	0.593			2330	
200	6.57	6.49	61.8	71.4	8.82		32800	31000
1.85	0.832	0.704						
6.78	46.7	46.1	1300	1460	5.8		3920	3800
13.8	153	136	6280	5920	7.61	1.02	12600	10400
	1.9	2.08	38.8	20.5	5.95	1.04		
	6.15	6.54	69.7	76.5	7.19			
	12.3	13.3	84	88.7	7.59			
	12.3	13.1	82.2	88.9	7.18			
2.48	17.9	19.2	181	185	6.62			321
2.39	17.9	19.5	174	182	6			303
23.7	48.4	48.6	15.2	16.2			28300	27200
5.19	0.541						7700	6510
	10.4	11.6	95.8	103	5.6			
6.7	19.3	20.9	16.8	17.3	5.91		6290	6400
56.6	22.7	24.7	74.8	84.6			43100	41500
2.19	15.7	16.9	152	159	6.49			165

1.92	14.3	15.5	131	130	7.15			128
110	32.4	34.2			5.61		93400	91000
103	31.5	31.2					92500	90000
96.2	30.8	31	13.5	4.52			94400	88500
69.1	49.9	50.5	3660	3420	9.85	5.15	68400	66400
72.1	56.8	59.4	4260	4040	6.02	10.2	61700	62200
78.6	67.3	67.3	3370	3000	6.86	8.74	58800	57100
12.3	1.85	1.71	4.95				19700	18200
1.07			6.14	4.18				
9.85	1.66	1.49	11.8	2.63	5.08		11800	9810
7.82	2.03	1.78	15.1	3.15	5.03		3970	2550
56	24.3	24.7	351	333			37000	35400
48.4	26.1	26.6	415	370			39100	34700
131	1.8	2.25					148000	141000
135	2.36	2.29	4.84	3.14			140000	137000
58.4	26.4	25.5	384	339			42700	38700
140	142	141	1170	1060			18900	18300
31.4	13.1	12.8	191	169			19700	14900
30.6	13.5	13	193	171			22300	17400
27.6	10.3	9.96	144	123			19400	13300
27.1	10.5	9.92	147	126			19200	15400
31.4	3.9	3.96	20.9	17.5	5.55		61100	59800
32.8	8.06	8.38	110	107			30200	26000
32.3	8.46	8.38	111	107			32400	29000
33.4	8.44	8.24	112	106			31900	28500
34.1	7.68	8.26	108	106			27900	24800
31.2	7.19	7.25	102	93			22100	19100
33.6	7.72	7.36	96.3	98.2			26100	23000
30.1	1.72	1.15	9.34				16300	5050
34.1	2.18	2.17					17000	13200
38.6	1.65	1.72	36.6	36.2			17000	16900
31	6.94	7.01	95.4	95			18100	15000
31.6	7.36	7.27	94.3	95.9			22300	19700
33.3	7.93	7.01	95.9	95.9			18400	15700
	0.58		5.97				2560	525
27.2	6.67	6.37	86.1	89.4			16000	12400
26.6	6.76	6.15	85.4	86.7			14800	10600
25.3	5.73	6	80	78.8			15700	11100
25.6	5.7	5.3	74.5	73.3			15900	11800
24.6	5.74	5.06	73.7	74.4			15100	11300
25.4	5.95	5.34	68.9	73.4			15400	11400
25.8	5.51	5.63	66.9	78.3	13.6		14400	11500
	1.34	1.14	4.24	4.02	5.98	9.6		
22.6	46.4	46.6	16.8	22.9			28000	26800
38.2	4.13	4.23	16.9	20.8			11900	60000
31.9	10.1	10.8	131	150			18700	13600
24.7	5.44	5.45	68.7	76.1			14600	8580

25.2	5.49	5.82	68.6	76.1		15100	11700
102	31.7	31	10.4	5.75		88500	88600
1.86	17.9	17.4	131	148			
7.36	0.701	0.905	5.57	3.76		4630	3510
7.6	0.75	0.65	7.95	4.69		4740	3600
16.1	53.6	52.9	466	516		2610	2520
21.1	14.8	15.8	111	85		17900	16800
	1.62	0.742	46	8.42		635	
	1.21	1.09	15.2	6.35	1.17		
	1.33	0.737	33.1	7.81		257	
	1.17	0.996	21.7	9.6		218	
	1.25	0.891	20.1	8.46	5.22	130	
	1.3	0.906	25.7	8.91	5.34	699	
	1.39	0.868	24.9	9.12		669	
		0.547	3.18	2.65			
		1.45	0.969	28.9	10.3	437	
1.61	1.42	1.01	26	7.61		2680	628
0.919	0.989	0.743	22.8	5		4210	249
0.449		0.251	8.49	2.04		1520	120
0.254			0.623			101	
			0.5		1.8	104	
0.528	1.04	0.531	21.5	3.67		4810	137
					1.29	326	
0.556	0.953	0.487	20.6	3.65		4610	144
0.283	0.725	0.313	16.3	3.49		3560	
1.01	7.34	7.43	142	134		2480	741
10.6	16.9	16.7	10.1	10.5		14800	14400
0.62	7	7.01	146	153		690	487
4.87	6.08	5.57	88	72.3		8180	2880
1.49	4.64	4.44	103	69.1	5.23	10800	282
97	34.5	33.9				102000	96800
88.6	35.5	33.5	55.4	51		87000	83200
13.9	12.5	11.6	547	523		26200	11700
13.3	3.34	2.76	43.6	29.7		20000	17600
6.12		0.316	27.3	24.1		7020	2110
7.04			33	26.9		14200	3620
6.35	2.52	1.42	57.4	37.7		44500	1150
8.1	7.12	6.53	130	119		21400	4870
7.47	6.98	6.31	146	158		18400	4090
129	3.39	2.74	5.65			155000	152000
9.73	7.46	7.04	114	122		11900	5090
8.57	4.96	5.84	94.3	94.8		10100	4870
4.39	2.98	2.86	172	152	5.53	6330	3800
10.4	0.783		42.8	41.4		10300	8840
8.07	3.52	3.83	85	84.8		10500	5460
						2430	
7.52	3.31	3.2	80.1	79.3		17200	4360

	4.45	4.38	22	20		160	
1.41			9.16			2720	554
	6.56	6.47	100	106			
0.17	0.517	0.58	2.63	1.85		144	112
0.207	0.596	0.582	3.32	2.07		142	
1.28	3.2	3	20.5	5.99		334	
4.28	2.18	1.79	19.3	2.48		3850	557
2.69	1.43	1.02	13.5	2.14		2730	
1.35	0.689	0.533	7.87	2.49		1460	
0.218	1.23	1.06	27.1	15.2		402	
0.21	1.33	0.97	25.9	13.4		413	
	0.842	0.878	11.4	7.55		133	
0.2	1.17	1.01	27.1	12.6		408	
0.409	1.83	1.51	33.5	16.5		427	
0.323	1.49	1.35	29.2	14.3		497	
0.315	1.37	1.31	29.9	14.1		420	
0.47	1.5	1.4	30.3	13.9		675	
0.153	1.11	0.939	7.29	4.18		521	
0.576	1.52	1.33	27.2	11.3		536	
2.84	1.65	1.4	34	6.38		7200	913
1.77	1.27	1.09	22.5	4.91		2580	284
0.99		0.564	11.8	3.79		1400	157
1.13	0.896	0.694	17.9	4.05		2440	
			1.62		1.53	307	
1.14	0.924	0.711	17.9	4.21		2530	
0.695	0.601	0.422	11	3.72		1530	
11	8	8	93.7	91.2		8460	7600
2.28	5.6	5.85	96.5	105		923	571
103	26.6	28	16.7	17		96700	95400
32.4	23.9	20.4	1390	1380	5.07	5.23	67900
16.1	2.28	2.04	28.3			18700	9380
10.6	1.43	1.24	36.4	25.2		8140	6710
6.72	3.38	3.24	52.1	40.5		4510	1640
15	8.27	8.35	206	189		15100	13200
141	2.26	2.19	9.37	7.43		151000	154000
17.7	14.9	14.9	267	245		10900	13600
11.5	8.3	8.28	156	137		11700	8440
4.11	2.2	2.17	95.4	81.3		5190	3730
8.77	4.58	4.65	93.4	83.2		15300	6700
7.32	3.67	3.83	80.4	65.4		16600	4590
1.99	0.684	0.563	22.4	3.14		6330	545
	2.04	1.95					
	1.61	1.2					
	2.09	0.812					
	1.22	0.922					
	0.977	0.928					
	0.985	0.997					

0.773	0.873
0.807	0.714
0.762	0.836
0.658	0.828
1.74	1.83
1.53	1.24
1.1	1.11
1.02	0.776
0.746	0.865
0.826	0.88
0.868	0.802
0.995	1.01
1.03	1
0.814	0.871
0.941	0.969
0.652	0.685
0.787	0.786
	0.449
	0.274

Ferrous	HG_TOT	HG_DIS	LI_TOT	LI_DIS	MN_TOT	MN_DIS	NI_TOT	NI_DIS	PB_TOT
	1160	1150			2.47	9.79			
	9070	9010		4.75	4.73	7.65			
	2670	2640			0.963	4.32			
	1810	1790			0.755	2.5			
	1660	1670				1.93			
	1560	1560				2.62			
	810	823				1.12			
	832	826				1.89			
	531	524				1.7			
	482	469				1.86			
	3.02					3.55			
	424	416				1.82			
	481	464				1.98			
	576	569				1.72			
	630	614				2.84			
	862	860				1.96			
	25.5	23.5				3.46			
	835	826				2.01			
	884	863			1.1	3.42			
	813	811			0.895	2.56			
	395	419			1.89	1.65			
	381	363			1.02	2.09			
	16.2	8.56			2.44				
	385	371			0.995				
	16.8	15.2		2.5	2.95				
	122	78.7				3.02			
	128	55.2				3.62			
	133	40.2				5.64			
	272	254			0.673	1.22			
	4780	4790		6.1	6.93	27.9			
	2960	2920		3.03	4.44	3.59			
	2990	2970		3.67	4.91	4.06			
	2960	2900		3.13	4.42	8.74			
	28000	27500		3.53	9.31	226			
	2540	2510				1.45			
	159	155		6.28	9.13	3.29			
	1950	1990			3.83	38.3			
	9220	9190		5.12	11.8	21.1			
	2530	2570			4.21	7.87			
	33300	33500		25.6	37.7	73.8			
	33700	33500		21.9	40.4	68			
	475	480			2.49	3.3			

36000	35300	34.7	50.6	
34800	33000	34.8	45.4	
12900	12700	16.3	24.9	5.88
2480	2410		9.37	2.4
73.2	73.3		0.798	
1160	1150		3.99	1.38
934	924			3.61
10300	9990		11.3	39.2
9770	9610		10.4	19.3
46600	9020	31.4	39.5	2.32
35100	1230		5.41	14.2
5650	1160		6.21	13.9
649	634	4.62	9.6	58.5
4170	817		6.53	14.5
710	710		5.88	13.3
3410	3460		5.3	5.35
224	192			2.32
	221		0.505	
226	15800		9.18	2.11
715	699			2.79
485	477		0.979	4.27
123	115		0.631	3.16
24500	24500	10.5	9.36	188
1040	1030		24.8	8.74
855	835		2.22	10.1
3830	3800	6.55	6.33	12.9
4040	3970	6.97	6.96	14
4970	4830	7.65	7.4	12.6
2600	2410	4.24	4.27	32.3
2280	2250	4.03	4.89	20.4
1790	1750	4.87	5.28	19.4
1660	1620	4.75	4.87	11.9
1600	1580	4.01	3.82	35.1
1170	1170	2.73	2.85	33.9
1580	1510	3.14	3.23	26.3
24800	24400	10.3	8.72	203
2370	2370			4
1750	1760	4.11	3.57	30.6
6010	6000	6.94	5.93	35.3
2060	2040	6.05	5.58	9.79
36300	34200	51	52.1	88.7
35900	33100	48.2	51.3	79.8
5790	5780	11.3	11.9	24
47800	47200	57.9	58.8	3.51
2630	2490	6.1	7.02	6.21
99.9	74.6		1.78	7.29
494	484	2.64	2.43	1.66

478	441		1.63	19.2
242	223	3.63	3.84	185
792	782	5.17	5.39	37.1
668	622			2.69
159	158		1.24	2.85
26900	26000	37.3	39.7	15.1
384	378		1.37	12
1100	1080		2.06	13.4
485	444		1.53	18.7
490	464		0.877	4.32
25900	23500	33.7	32.3	14.8
25200	23900	8.91	7.75	184
189	184			2.27
				3.33
161	158		0.758	0.567
				0.52
1350	1340			2.93
1350	1320			3.42
1380	1370			3.15
1420	1410			2.83
2640	2590	4.62	4.83	6.17
2550	2540	4.38	5.22	5.78
1670	1660	3.71	4.89	4.45
1580	1580	4.62	5.86	4.77
1650	1660	4.52	6.18	4.67
1470	1440	3.76	4.83	3.8
1210	1210	2.94	3.26	3.28
839	856		2.43	1.45
909	847		2.34	5.23
50600	49100	73.5	67.7	27.9
561	546		0.552	0.642
3750	3750	7.74	7.19	2.72
12600	12200	9.89	8.83	44.4
84.5	82.1			1.37
73	73.3	2.6	0.777	0.982
628	627	7.6	7.22	1.77
602	594	7.66	7.55	5.28
4090	4020	7.9	7.27	17.5
4340	4300	7.65	7.36	16.7
30400	28400	9.12	11.8	240
2710	2670			2.18
494	495	6.74	6.98	6.45
1720	1710	4.38	4.35	31.4
18600	18300	24.9	35.1	47.8
3890	3770	7.1	7.58	14.1

3330	3260	7.73	5.76	10.6
33900	33900	45.6	50.7	84.5
33800	33600	48.5	48.4	84.3
34300	33500	49.3	56.9	76.4
29100	28900	36.3	44.9	4.9
28500	28500	34.7	55.2	0.856
23400	23100	45.7	53.6	4.15
2610	2570	4.77	10.9	3.59
66.9	64.8			
1780	1760		8.4	2.89
1710	1670		8.84	2.2
21200	21000	27.3	38.7	34.2
18200	17900	22.6	36	46.7
49300	48400	50.9	69.6	2.77
48400	47300	64.2	74.7	3.06
22300	21800	32.9	44.4	40.6
80200	79400	61	62.9	37.3
11500	11400	15.5	22.3	24.8
11700	11200	17.2	22.8	22.7
8990	8820	15.7	19.1	40.3
9190	9140	13.6	17.5	20.4
899	878	30.8	25.7	5.09
7120	7000	20.9	19.9	20.7
7220	7060	20.6	17	15.6
7140	7090	21.2	16.3	16.1
6820	6740	20.6	20	17.6
6430	6420	17.5	18	16.5
6500	6490	17.9	19.2	15
11000	10800	6.72	7.25	3.64
8680	8630	8.65	9.48	3.26
5920	5920	19.7	20.2	23.6
6380	6300	18.4	16.5	15.4
6310	6370	18.8	18.5	13.7
6350	6310	20.5	19.8	15.1
1010	1000			2.09
5600	5670	16.4	14	13.4
5550	5610	15	13.4	12.8
5410	5370	15.5	13	12.8
5100	5120	18.1	11.9	10.8
5070	5050	16.4	12.4	13.5
5120	5040	15	10.4	12.8
5140	5300	22.7	13.5	13
1390	1420	3.6	5.82	2.84
29400	29200	12.2	11.4	230
870	889	24.6	34.9	4.92
8800	8990	14.1	12.7	40.8
5120	5200	15	11.4	12.8

5080	5270	13.3	10.3	12.9
32800	33700	51.3	42.4	72
5960	6030	11.5	9.45	14.7
428	435	2.63		2.4
444	455	2.92		2.57
20900	21200	16.3	11.7	72.6
36200	37200	13.8	14.1	71.7
567	140			81.3
17.6	2.49			22.1
348	153			34.7
477	328			23.1
412	240			24.9
578	304			50.5
635	343			51.1
5.52	2.21			4.99
988	656			43.3
734	478			29.2
609	341			33.7
230	109		1.42	11.7
17.7	10.2		1.86	
7.46				
592	233		0.502	34.5
27.6	5.91			
571	232		0.648	32.6
468	149			26
850	791		1.97	23.1
15600	16000	4.84	5.49	81.8
615	592		2.16	7.27
2040	1880	3.53	2.95	47.3
890	608	2.73	1.47	130
37200	36000	50.4	43.3	76.6
34200	33200	45.4	46.9	102
3060	3060	8.03	7.88	111
2510	2260	5.98	5.59	4.67
188	159	4.01	3.53	2.24
461	395			19.2
964	634			141
2910	2670	5.72		94.9
2270	2070			148
49300	48400	58.2	52.9	5.31
3410	3340	5.6	5.23	40
2570	2480	5		25.7
211	197	3.78	3.29	73.8
834	831	6.67	5.41	25.8
1650	1630	5.03	5.38	19.7
718	639			2.83
1510	1440			30.3

195	190	3.29	3.57	4.25
151	128			12.2
354	354		2.79	1.24
200	190			2.09
187	172			2.35
3390	3340			3.88
1860	1830		0.93	6.27
1100	1090		0.842	5.45
638	584			5.39
310	233			11.3
287	196			14.1
10.6				12.9
302	189			15
917	786			12.8
756	639			13.5
771	655			14.3
944	805			15.6
38.6	13.8			23
1300	1220			14.7
898	823		0.606	24.3
689	624			9.34
333	294		0.808	5.06
493	394			10.4
15.9	2.47			
507	408			11.2
327	246			5.74
3950	3920	4.04	4.58	18
884	876		1.64	7.76
34300	34300	34.9	38.6	77.7
6170	6170	18.3	18.3	5.31
2500	2480			3.77
1040	1050			1.8
1290	1260		1.02	8.73
4690	4630	6.46	6.62	19.7
46900	48500	50.7	45.8	2.55
7240	7220	8.12	7.09	23
4000	3980	5.19	4.31	17.1
186	174	3.22	2.97	55.9
2250	2230	4.45	3.99	22.3
1770	1740	3.52	3.12	24.5
242	184			25.5
				3.96
				29.7
				84.5
				59.7
				23.1
				5.05

4.06
1.99
2.82
2.92
7.03
38.4
12.1
36.9
13.2
4.56
4.65
3.65
3.9
2.95
4.57
3.11
10.1
5.9
14.5

PB_DIS	SE_TOT	SE_DIS	SR_TOT	SR_DIS	TL_TOT	TL_DIS	V_TOT	V_DIS	ZN_TOT
8.1		62	60						961
5.36		227	220	7.52					2160
0.374		234	227	6.48					918
0.236		330	319						699
0.197		322	312						651
0.18		344	329						605
0.149		392	379						434
0.275		419	402						466
0.209		393	380						309
0.216		403	391						255
1.62		407	389						117
0.322		402	389						267
0.342		407	398						263
0.294		413	401						259
0.28		437	424						293
0.436									340
1.02		190	189						124
0.381		427	422						273
		530	523						391
		510	510						372
		267	281	5.9					181
0.139		275	275	6.85					183
		170	171						11.4
1.61		277	279						181
0.109		463	462						81.2
0.212		379	373						82.4
0.237									75.8
		273	272						126
28.8		52.8	52.9						13500
1.48		379	375						2300
1.9		360	358						2280
7.62		381	374						3410
232		1870	1820						35400
		1690	1680						841
3.15		270	268						3190
37.2		579	582						2500
7.45		1450	1430	10.6					5650
6.82		509	510	11.7					2940
17.1		4840	4780						14900
3.11		4850	4790						15100
2.15		258	253						996

		5430	5280		29700
		5290	4940		28100
5.04		1600	1520		9840
		2390	2280		729
		303	290		48.6
		1230	1190		350
		1410	1330		400
13.2		1570	1470		6170
10.9		1520	1420		6110
		5720	1060		20200
9.75		7800	290		20100
13.4		1450	276		3190
66.7		517	482	10.2	6.01 1050
15.1		1360	257	11	2480
14.2		287	287		394
5.76		1500	1420		5090
		272	253		102
		75.6	360		
54.2		388	1170		110
0.614		260	256		289
		310	312	4.68	292
0.125		262	251		80.2
179		1650	1660		28100
60.8		110	111		1170
5.3		179	178		1290
7.75		608	615		2800
7.98		682	684		2980
8.21	0.686	796	792		3280
7.42		609	602		1750
8.75	0.551	615	618		1480
12.9		645	641		1210
8.04		773	774		1070
33.8	0.867	28	28.2		4050
34.3	0.5	29.2	29.2		2810
25.2	0.731	45.8	44.4		4020
182		1640	1640		28200
		1560	1600		1570
28.4		567	572		2220
35.6	0.886	597	595		9750
10.2	0.76	980	966		3930
5.05		5290	5130		17900
19.8		5220	4990		17900
4.05	1.35	1160	1180		4480
1.26		5770	5800		20900
		2420	2360		967
		157	151	4.99	61.7
		537	543	3.07	202

0.21		631	632		257
76.9		202	200		680
26.3	0.579	276	274		183
		4580	4540		115
0.895	0.52	91.2	91.8		368
14.9		6280	6220		19700
6.63	0.5	118	119		1120
6.98		135	134		1480
0.231		635	636		255
		319	313		293
14.3	3.19	6100			19100
183	2.01	1700	1660		28700
0.155		578	579	29.4	189
2.42	1.06	601	595	6.53	177
		417	413		54
		466	458		
0.131		643	625		306
		638	622		402
0.221		636	626		426
		644	630		424
0.176		1200	1180		1170
3.01		1170	1160		1150
		991	985		731
0.175		980	969		726
0.255		999	995		727
		950	934		685
		808	793		557
		52.1	52.7		
		675	676		445
		203	202		
		688	678		545
28	4.95	4840	4750	27.8	19800
		616	609	4.7	264
2.31	3.41	0.76	49.3	49.8	10000
0.885	5.19	2.13	68.7	69	32800
0.325	3.31		567	566	303
0.738	3.2		326	328	1310
1.53	3.87	0.723	329	326	2350
4.8	3.5		331	327	2410
15.6	3.82		529	524	6140
15	4.38		698	693	6460
228	5.47		1880	1840	34100
	3.08		1810	1780	840
5.68	4.97		332	332	2270
27.6			510	508	2130
9.91	3.4		2960	2940	10500
12.6	4.29		975	961	5610

9.42	4.08	0.522	1020	1000			4990
21.5	3.05		4950	5010			16100
3.63	3.93		4970	4970			16200
2.79	3.19		4850	4760	18.5		16700
4.75	7.83	4.87	5830	5780	5.06		19700
0.765	6.31	5.41	5680	5690			21400
4.4	4.29	5.16	3640	3610			16800
			2590	2550			736
	6.33		350	350			
	5.68		1850	1820			522
	3.62		2410	2350			570
23.9	3.48		3170	3170			11600
28	5.37		2930	2870			10800
1.15	6.09	4.52	5840	5730			21200
1.14	3.33	2.69	5690	5620			20900
32			3170	3100			12300
35.4	8.64	9.27	3320	3270			48500
18.2			2750	2730			6050
15.1	2.72		2790	2680			6180
26.8			2260	2230			4760
16.2			2270	2260			4860
5.44		3.75	453	437		20.8	1270
17.9			2050	2010	13.7		3910
13			2080	2020	4.64		3890
13.5			2080	2040			3860
15.5			2040	1980			3670
14.8			2140	2080			3430
12.5			2150	2100			3450
			4580	4410			2090
			5100	5020			2620
22.7			1170	1150			984
13.2			2150	2080			3350
11.1			2130	2100			3310
12.9			2130	2090			3320
			4960	4900			131
11.6			2400	2380			2920
12			2450	2400			2900
11.3			2390	2350			2740
11.2		3.14	2330	2280			2550
11.2		3.42	2320	2270			2560
10.5		3.93	2360	2260	16.6		2600
11.3			2350	2340	4.99		2590
			648	649			304
210	2.63		1880	1850			33100
5.04			446	444		21.4	1180
27			2260	2260			4580
10.9			2340	2350			2550

11.3		2.54	2340	2340		2570
2.82			4850	4850		15600
15.3			1700	1690		8010
			745	748		177
0.662			771	770		178
75.4	2.94		1460	1460		24800
9.15			1090	1100		4220
0.563			219	206		467
1.91	0.502		343	301		165
0.666			256	222		384
0.749			276	255		375
1.24			219	209		358
1.33			227	213		395
1.45			226	209		400
2.57			154	144		92.1
1.34			233	225		454
1.18			304	280		453
0.706			248	232		352
0.272			107	96.8		119
			41.2	37.7		
			50.5	47.6		
0.759			198	182		283
	0.534		111	107		
0.779			197	180		288
0.533			161	150		221
6.15			120	111		2040
79.1			984	938		15100
6			87.8	84.3		1660
5.81			291	272		1980
3.04			136	110		1330
18.9			5170	4790		17500
11.2			4760	4410		16600
3.84			449	427		2670
			2610	2280		884
0.197			130	126		75.4
			400	366		167
			699	603	22.3	482
6.51			420	388		2360
5.43			338	309		2090
3.56			5580	5250		20900
10.8			549	512		2620
10.1			544	525		1960
58.2			114	111		752
22.4			311	305		250
15.3			467	463		1320
			4980	4640		129
13.1			538	514		1180

3.4	837	802		1320
	272	261		121
1.32	154	151		1710
0.185	453	454		283
0.381	457	452	12.9	247
	503	492	5.97	1020
	611	601	3.82	768
	415	419		483
	316	327		273
0.958	272	268		425
0.968	275	271	6.57	396
1.83	324	319	7.96	140
0.928	274	269		426
1.04	276	271		547
0.95	269	265		504
0.882	272	267		502
1.11	272	269		516
4.88	164	159		190
1.1	317	312		491
	373	361		489
0.179	295	285		426
0.146	163	157	6.32	204
0.334	213	206		296
	102	99.3		
0.3	217	210		306
0.286	177	171		195
8.92	603	589		3220
5.2	180	174		1860
28.2	4930	4830		15800
2.67	636	620		5310
	2600	2530		764
	1160	1140		364
1.73	994	970	7.33	965
8.49	658	644	8.75	3460
1.4	5430	5420		20400
14.3	743	728		5210
9.59	644	630		2890
38.5	105	99.3		578
9.94	494	486		1620
6.85	497	486		1270
0.108	301	294		196
0.15				589
1.04				477
0.761				504
1.16				354
0.657				296
0.525				293

0.498	245
0.287	199
0.491	237
0.388	241
0.131	573
0.345	445
0.427	363
1.09	268
0.77	262
	257
	235
	318
	295
	255
	317
	221
	272
	167
	168

%

<u>ZN_DIS</u>	<u>DIS_OXY</u>	<u>MDO</u>	<u>SAT.</u>	<u>TSS_MG</u>	<u>TDS_MG</u>	<u>T_PHOS_MP</u>	<u>DIS_MGPO4</u>	<u>DIS_MSI</u>	<u>TOT_MSI</u>	<u>DIS_MG</u>
1000										
2210										
875										
639										
633										
603										
440										
462										
315										
250										
144										
266										
253										
260										
293										
341										
133										
270										
362										
327										
180										
149										
152										
57.5										
41.5										
34.7										
87.7										
14400										
2410										
2420										
3530										
36300										
860										
3200										
2720										
5850										
3150										
15400										
15300										
1100										

29300
26700
9790
721
51.8
373
406
6220
6090
3890
711
665
1080
480
394
5180
80.5
98.8
23000
281
288
68.2
28800
1230
1330
2850
3010
3320
1710
1540
1230
1070
4070
2930
4020
28700
1610
2320
10000
4040
16800
16300
4590
20800
912
53.4
202

230
704
187

377
19100
1170
1520
236
279
18700
27600
2540
2690
2060
2150
2710
2610
2690
2660
3470
3460
3670
3780
3820
3710
3260
827
3030
3820
3050
9530
3120
1120
1690
1430
1270
1380
1380
2120
2570
6670
5580
1430
3640
6030
3130

3330
8740
8680
8270
5160
5170
5260
4160
1570
3330
3550
6120
5800
9410
9360
6170
8300
4870
4810
4540
4460
1540
4130
4090
4120
4300
4480
4410
9400
9770
3520
4480
4500
4500
6170
4690
4690
4780
4750
4800
4780
4870
2740
6300
1590
4670
4950

4960
8670
5270
3880
3960
5240
3790
224
154
242
305
280
296
292
90.2
347
369
242
79

140

140
66.5
2110
18100
1740
2190
1430
18100
17300
2960
800
68.4
161
426
2380
2160
21900
2900
1940
779
252
1350
107
1160

1330
100
1760
289
241
1030
701
367
174
409
361
136
360
509
452
455
461
170
446
453
364
178
210

217
111
3320
2020
15900
5560
733
380
986
3520
20900
5380
3010
582
1700
1310
146
583
373
264
257
270
302

245
204
244
253
590
387
340
219
261
272
235
328
299
293
334
211
241
126
53.5

								as N
NA_TOT_NA_DIS_MCL_MG	F_MG	HCO3_MG	CO3_MG	OH_MG	NH3_MG	NO2_MG	NO3_MG	
802	754							
1500	1420							
1180	1130							
1260	1210							
1240	1230							
1360	1300							
1650	1620							
1790	1720							
1760	1740							
1860	1800							
1660	1520							
1810	1700							
1880	1810							
1830	1810							
1910	1860							
1980	1850							
1280	1270							
1870	1890							
2410	2420							
2340	2450							
1420	1550							
1660	1640							
2220	2300							
1600	1620							
608	604							
8970	9030							
6790	6550							
6710	6510							
1800	1740							
878	870							
1310	1290							
1290	1260							
1440	1370							
6210	5910	10.4	4.8					
4960	4770		3.2					
1280	1260	1.1	1.2					
3460	3560	1.1	3.2					
3250	3270		2.1					
1730	1740	1.2	0.9					
8280	7830		5					
7970	7840		5.3					
1430	1340	1.2	0.2					

4840	4760	10.3	8.4
4660	4470		7.8
3510	3360	10.4	3.3
3840	3690	10.5	2.4
1440	1410	1.1	0.4
2480	2440		1.5
2470	2390	10.5	1.1
3440	3260		2.3
3360	3060	10.5	2.1
8800	1690	10.3	3.1
16100	566	10.3	1.7
3200	596	10.4	1.6
997	961	10.4	
3080	588		1.3
635	635	10.3	1.3
4520	4220		2.3
3150	2890	3.1	0.3
3550	2300	1.5	0.2
2390	4060		3.4
1270	1250		0.3
1510	1550		0.2
1630	1650		0.1
5990	5810		3.9
602	656		0.4
886	914		0.4
1640	1730		1
1790	1810		1.1
1960	2030		1.2
1580	1550		0.8
1700	1700		0.7
1760	1800		0.7
2080	2150		0.7
544	625		0.5
538	588		0.4
589	633		0.5
5810	5820		3.7
4580	4670		2.7
3660	3750		3.2
2110	2210		1.6
2990	3060		1.5
9190	8870		6.1
8960	8900		
2040	2140		1.2
9470	9240		
3910	3780		2.3
923	949		0.3
1460	1530		0.7

1550	1600		0.5
503	516		0.1
1200	1230		0.3
5820	5710		1
941	982		
5080	5190		6.7
551	614		0.2
652	732		0.4
1530	1600		0.5
1590	1560		0.2
4960	5270		
6000	5910		3.9
2480	2540	1.2	0.5
2600	2690		0.2
2040	2060		0.4
2180	2150		0.4
2730	2710	1.2	0.6
2620	2610	1.2	0.5
2660	2690	1.2	0.5
2670	2660	1.2	0.5
3360	3470		
3290	3460		
3560	3670		
3600	3780		
3640	3820		
3610	3710		
3140	3260	1.2	0.3
	827		
2850	3030	1.4	0.5
3690	3820	3	0.2
2910	3050	1.4	0.5
9730	9530		
3010	3120	1.6	0.4
	1120		1.1
1620	1690		2.5
1400	1430		0.2
	1270		0.2
1320	1380		0.7
1320	1380		0.8
2020	2120		1.3
2420	2570		1.5
6360	6670		4.3
5270	5580		3.3
1330	1430		0.8
3480	3640		2.7
5990	6030		3.8
3040	3130		1.6

3160	3330	1.9
8570	8740	
8650	8680	
8300	8270	
5040	5160	
4930	5170	
5140	5260	
4100	4160	2.3
1510	1570	0.5
3320	3330	1.6
3500	3550	1.3
6160	6120	3.7
5850	5800	3.9
9550	9410	
9160	9360	
6180	6170	3.9
8260	8300	20
4820	4870	2.6
4880	4810	2.5
4500	4540	2.3
4440	4460	2.3
1510	1540	1.1
4060	4130	2.1
4140	4090	2.1
4190	4120	2.3
4350	4300	2.1
4460	4480	2
4470	4410	2
9640	9400	1.9
9810	9770	
3470	3520	1.7
4560	4480	2
4500	4500	1.9
4470	4500	2
6200	6170	1.6
4630	4690	1.9
4740	4690	1.9
4750	4780	1.9
4840	4750	1.9
4840	4800	1.9
4950	4780	1.8
4910	4870	1.8
2630	2740	1.2
6430	6300	0.6
1510	1590	4.3
4530	4670	1
4900	4950	2.4
		1.8

4920	4960		1.9
8570	8670		50.8
5190	5270		
3780	3880		
3900	3960		
5180	5240		3.7
3570	3790		3.3
1100	1230	1.1	0.2
1550	1720		0.1
1170	1330	1.1	0.3
1350	1430	1.1	0.3
1130	1130	1.1	0.2
1130	1180	1.1	0.2
1120	1140	1.1	0.2
1080	1150	1	0.1
1160	1180	1.2	0.3
1520	1570	1.3	0.3
1360	1400	1.3	0.3
853	839	1.1	0.1
562	592	1	
1490	1560	2.1	
1280	1290	1.2	0.2
1500	1520	1.7	
1250	1270	1.2	0.2
1180	1180	1.3	0.2
708	709		0.4
3600	3590		2.1
632	585	1	0.3
1070	1100		0.6
810	757		0.3
8540	8050		
7770	7760		
1140	1130		
3900	3780		2
839	896		0.4
1250	1200		0.5
1770	1600		0.6
1340	1350		0.6
1140	1160		0.5
8930	8300		
1570	1600		0.9
1590	1610		0.7
440	506		0.1
1300	1330	1	0.4
1410	1490		0.6
5770	5270		1.5
1590	1570	1	0.5

2610	2520		1.3
1810	1770	1.5	0.2
726	725		0.4
2200	2160	1.1	0.3
2230	2210	1.2	0.3
2400	2520	1	0.2
3400	3540	1.2	0.3
2720	2760	1.2	0.4
2960	2970	1.2	0.3
1470	1350	1.2	0.3
1480	1390	1.2	0.4
1670	1580	1	0.2
1410	1360	1.3	0.4
1470	1420	2	0.4
1460	1360	1.9	0.3
1430	1400	1.4	0.2
1410	1370	1.7	0.3
1450	1360	1.9	
1610	1500	1.7	0.3
2310	2240	1.7	0.2
1990	1930	0.9	1.1
1300	1260	0.9	0.5
1690	1620		6
1770	1750		2
1710	1740		2.8
1610	1560		1.5
1890	1790	1	0.9
1120	1090	0.9	1.2
8630	7990	8.3	3.6
1690	1600		1.6
4080	3870	1	1.1
2470	2420	1	0.2
2270	2240	1	0.7
1930	1940	1	0.6
8860	9040	3.7	0.3
2170	2090		
1910	1930		
577	557		
1720	1690		
1690	1700		
3260	3230		

<u>NO2</u>	<u>NO3</u>	<u>K</u>	<u>TOT</u>	<u>M</u>	<u>K</u>	<u>DIS</u>	<u>MGSO4</u>	<u>MG</u>	<u>BI</u>	<u>TOT</u>	<u>BI</u>	<u>DIS</u>	<u>GA</u>	<u>TOT</u>	<u>GA</u>	<u>DIS</u>	<u>MO</u>	<u>TOT</u>	<u>MO</u>	<u>DIS</u>
770			710																	
834			788																	
641			624																	
582			551																	
581			569																	
596			573																	
604			604																	
619			578																	
569			568																	
588			590			75.1														
458			450																	
554			543																	
591			578																	
584			581																	
567			564																	
576			576																	
448			471																	
581			611																	
668			690																	
653			686																	
526			589																	
691			695																	
639			632																	
687			674																	
439			437																	
1750			1740																	
1410			1360																	
1490			1400																	
692			695																	
489			507																	
417			421																	
420			414																	
476			485																	
2150			2100			732														
659			629			343														
618			620			190														
730			775			147														
700			743			383														
471			488			179														
						1270														
						1290														
508			474			123														

		1330
		1270
		743
		480
470	466	80.5
		250
		256
		454
		419
		1530
3430		353
859		336
1500	1500	147
		348
		348
		318
909	868	54.9
2100	494	104
488		451
520	459	46.4
546	472	71.1
408	380	62.7
2020	1880	646
390	371	62.6
455	383	67
496	485	198
518	476	220
518	496	251
627	457	171
625	578	176
793	734	196
854	829	210
426	401	75.7
434	416	55.5
470	418	74.7
1940	1930	637
651	623	334
668	682	145
708	727	247
667	659	254
		1460
		1290
544	455	338
		1460
		531
720	321	46.6
462	443	137

544	461	133
914	553	67
935	823	112
		466
382	317	43.5
		1350
359	322	44.5
415	382	64.2
550	452	134
515	450	73.1
	1610	1180
1980	1920	649
	736	130
	590	61.3
	470	59.1
	409	57.6
	731	139
	722	137
	716	137
	724	138
1470	1180	259
1250	1170	251
	1020	235
1270	1060	232
	1080	235
	1020	232
	953	144
	514	16.6
	1020	183
	884	31
	1020	183
1700		1360
	1080	159
	673	153
	664	253
	385	134
	455	114
	577	175
	583	177
	687	239
	704	237
2320	2330	718
	697	369
	545	173
	741	130
		813
	668	261

	677	269
1640		1240
1700		1240
1670	1420	1230
1410		1130
		1160
		1080
		536
		93.4
		387
		423
1270		918
		847
1370	1250	1440
1370		1420
		934
		7840
		642
		644
1570	1410	558
1480		556
4090	3950	325
2230	1920	584
2150	2130	588
2280	1890	882
2350	1980	599
2050	1890	599
2190	2000	603
2210	1910	576
2460	2220	
3260	2940	435
2080	1920	590
2070	1780	599
2070	2000	591
		518
1930	1750	575
1920	1680	593
1990	1810	588
2110	1910	581
2160	2010	581
2200	1950	579
2130	2240	572
		140
2320	2350	718
4400	4340	331
1640	1790	556
2150	2310	562

2160	2260	570
1610	1770	12900
		50.9
		192
		197
1690	1660	545
1490	1680	341
595	584	39.6
462	493	31.2
568	594	46.8
602	595	51
644	632	39.7
757	657	41.3
750	639	41.1
416	468	21.7
701	651	44
592	604	71.4
735	602	56
626	561	25.6
523	550	13.6
406	452	5.3
857	645	44.7
518	492	10.1
806	629	44.6
707	549	34.2
706	427	65
1150	1120	404
457	402	57
785	504	101
1340	435	47.2
		1610
		1420
729	368	216
		555
510	433	62.6
1470	481	123
3920	553	157
1170	500	147
1160	477	125
		1630
922	514	179
769	611	172
683	628	51.4
1060	882	126
706	698	158
		571
891	758	163

677	664	217
520	431	71
404	385	74.7
568	645	55.2
538	635	53.3
628	673	30.2
766	905	52.3
824	888	54.2
814	845	52.2
796	515	53.2
679	508	54.5
592	474	29
652	499	66.3
658	523	100
648	517	74
620	515	41
618	517	50.9
583	446	4.7
662	555	53.7
1010	604	37.3
682	530	203
605	507	68.7
752	552	1470
605	495	514
736	601	613
682	560	292
590	529	240
458	422	250
1730		1700
384	329	265
		225
706	633	46.9
686	570	177
623	511	160
1360		84.7
665	546	
737	650	
801	570	
898	711	
1030	729	
771	489	

							meq/L	meq/L
SN_TOT	SN_DIS	TI_TOT	TI_DIS	ZR_TOT	ZR_DIS	SiO2_TOT	SiO2_Dis	mSum Cation Sum Anions

meq/L	feet	feet	abv. Grd.	column	DOC
Charge Balance	Sampler	Well Depth	Water level	Casing	water

Lab. Sample Lab. Projec Report I. D.

mostly WC

Lab Name	Lab. Design Lab Job #	BASIN	NEW SITE	STRM_DESITE DESITE	DESITE DESIGI	OLD SITE D
	085M-0114		Howardsville gage		A55-01	
	085M-0115				A55-02	
	085M-0116				A55-03	
	085M-0117				A55-04	
	085M-0118				A55-05	
	085M-0119				A55-06	
	085M-0120				A55-07	
	085M-0121				A55-08	
	085M-0122				A55-09	
	085M-0123				A55-10	
	085M-0124				A55-11	
	085M-0125				A55-12	
	085M-0126				A55-13	
	085M-0127				A55-14	
	085M-0128				A55-15	
	085M-0129				A55-16	
	085M-0130				A55-17	
	085M-0131				A55-18	
	085M-0132				A55-19	
	085M-0133				A55-20	
	085M-0134				A55-21	
	085M-0135				A55-22	
	085M-0136				A55-24	
	085M-0137				A55-25	
	085M-0138				A55-26	
	085M-0139				A55-27	
	085M-0140				A55-28	
	085M-0141				A55-29	
	085M-0142				A55-30	
	085M-0143				A55-31	
	085M-0144				A55-32	
	085M-0145				A55-33	
	085M-0146				A55-34	
	085M-0147				A55-35	
	085M-0148				A55-36	
	085M-0149				A55-37	
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	085M-0152				A55-40	
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	085M-0154				A55-42	
	085M-0155				A55-43	
	085M-0156				A55-44	

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085M-0162		A55-50
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085M-0170		A55-58
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085M-0181		A55-69
085M-0182		A55-70
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085M-0184		A55-72
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085M-0186		A55-74
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085M-0197		A55-85
085M-0202	Animas Abv Arrastra	A56-01
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085M-0206		A56-05
085M-0207		A56-06

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085M-0259	A56-53

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085M-0216		A56-104
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085M-0313		A73-03
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085M-0356		A73-46
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085M-0379		A73-69
085M-0380		A73-70
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085M-0382		A73-72
085M-0389	Animas abv. Cascade	A75D-01
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085M-0392		A75D-04
085M-0393		A75D-05
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A830-0604		A-72-O-94
A830-0606	Animas upstream of Elk Cr.	A-73-O-01

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A830-0653	A-73-O-48

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A830-0657		A-73-O-52
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A830-0662		A-75D-O-04
A830-0663		A-75D-O-05
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A830-0710	A-75D-O-52
A830-0711	A-75D-O-53
A830-0712	A-75D-O-54

Herron, SGC, USGS, CRW, ARSG (often previous site designations)

Other Alias: OTHER AL USGS AML MISNOMM SAMPLE DATE IME_24HR AGENCY COMMENT TYPE

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PURPOSE	LAT_DD	LONG_DD	ELEV_FT	daily mean	FLOW_CFS	ST_Q_GPM	PH	pH-lab	TEMP_C
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flow_CFS

	as CaCO3=	mg/l	Mg/l	Mg/l		Totals			
field Cond.	lab cond.	HARD_MG	Field Alk	Phen_Alk	Total alk.	ACIDITY	CA_TOT_MCa	DIS_MCa	as CaCC
	70						25000		
	68						24200		
	66						23600		
	68						24000		
	67						23700		
	66						23500		
	60						21400		
	60						21300		
	59						21000		
	58						20800		
	59						21200		
	60						21500		
	60						21400		
	59						21100		
	58						20800		
	58						20800		
	60						21300		
	58						20700		
	56						20100		
	57						20400		
	57						20500		
	55						19700		
	53						18900		
	53						18900		
	48						17100		
	48						17200		
	50						17800		
	53						18800		
	54						19100		
	51						18100		
	51						18200		
	46						16500		
	44						15800		
	45						15900		
	45						16000		
	45						16100		
	43						15300		
	43						15500		
	44						15600		
	45						16000		
	46						16300		
	53						19100		
	52						18600		

52	18800
62	22200
61	22000
62	22300
59	21300
61	22000
62	22600
69	25300
73	26800
76	27400
87	31500
97	35600
94	34400
91	33200
90	32900
88	32000
87	31900
83	30100
82	29800
75	27400
74	26600
80	29000
85	31000
98	35900
103	37700
107	39100
107	39000
103	37600
99	36400
93	33600
85	31000
89	32500
91	33100
86	31400
83	30400
90	32900
94	34600
104	37800
111	41000
117	43000
57	19400
79	28500
75	27000
64	23000
73	26100
73	26400

69	24900
71	25400
72	26000
69	25000
67	23900
67	24000
65	23400
64	23300
66	23800
62	22300
58	21100
58	20700
56	20100
54	19300
54	19400
53	19300
52	18500
53	19100
52	18700
48	17200
47	16800
49	17500
50	18000
50	17800
52	18900
41	14700
41	14700
41	14900
43	15400
44	15800
43	15500
43	15500
43	15400
46	16700
49	17500
48	17400
51	18400
54	19800
54	19500
56	20000
55	19900
56	20300
56	20200
58	21000
61	22200
67	24300
68	24800

68	24700
69	25300
70	25700
81	29700
86	31400
87	31700
88	32300
90	32900
85	31100
83	30400
83	30400
86	31600
86	31300
89	32500
79	28700
79	28700
77	28100
76	27700
77	28300
76	27600
74	27000
82	29900
89	32600
99	36400
105	38600
106	38800
105	38400
107	39100
102	37700
101	36800
97	35800
95	34700
92	33300
86	31200
83	30100
90	32600
88	32100
88	31900
84	30500
84	30500
81	29500
90	32900
94	34200
100	36500
103	37700
103	37800
107	39200

112	41100
108	39500
23	8360
16	5610
92	33000
97	34700
91	32700
86	30800
77	27400
67	24000
61	21800
51	18400
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57	20200
46	16400
47	17000
45	15900
46	16300
46	16400
45	16300
48	17200
51	18200
50	18100
54	19300
58	20400
61	21500
67	23800
73	25900
80	28500
85	30100
86	30700
88	31400
87	31200
91	32600
89	32000
94	33600
100	35700
102	36500
106	38000
106	38100
107	38300
112	40200
110	39300
107	38400
104	37000
103	36800

99	35400
99	35400
100	35700
99	35300
100	35500
106	38000
103	37100
107	38400
110	39500
112	39600
106	38000
108	38900
104	37300
101	36100
101	36200
99	35600
94	33800
95	34100
94	33500
97	35100
99	35700
102	36300
106	38100
111	40000
114	41200
119	42500
130	47000
124	44600
128	46200
72	25400
79	27900
87	31300
90	32000
91	32600
83	29700
95	33700
97	34600
97	34900
98	35000
92	32900
88	31300
85	30600
82	29300
75	26800
78	27800
74	26600
73	26000

69	24400
74	26500
74	26200
72	25700
66	23300
68	24400
70	24900
68	24300
67	23300
61	21400
56	19500
56	19500
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53	18700
57	20000
52	18200
52	18200
51	17900
50	17500
48	16800
50	17400
48	16800
49	17100
49	17300
47	16200
42	14800
42	14700
43	14900
46	16000
45	15700
42	14500
42	14800
41	14200
40	13900
41	14400
38	13300
38	13300
37	12700
37	12700
39	13400
38	13300
42	14500
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43	15100
46	15700
55	19200
55	19200
57	20000
57	19700
57	19700
56	19400
58	20500
55	19300
63	22000
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83	29300
79	27700
78	27500
73	25700
68	24000
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70	24200
77	27300
90	31800
89	31500
87	30800
89	31700
83	29400
87	31000
82	29000
82	29300
80	28200
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73	25500
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88	31000
90	32000
105	36900
111	39400
114	40400
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57	19700
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49	16800
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48	16600
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81	27300
82	27800
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78	26500
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92	30400
83	27900
95	31900
97	32500
90	30200
85	28700
82	27600
80	26800
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72	24100
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73	24500
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70	22900
70	23400
71	23600
78	25900
78	26000
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88	29100
97	32800
106	35800
103	34200
142	51500

164	60700
161	59200
184	67800
182	67100
176	65000
168	61500
186	68500
182	66900
181	66200
178	65400
180	65800
173	63200
170	62300
166	60800
160	59100
151	55100
152	55900
154	56200
147	54100
138	50500
143	52500
140	51600
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126	46700
130	47700
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112	40900
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102	37300
129	47100
147	53300
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188	68800
192	70400
190	70000
208	76900
231	85200
248	91500
257	94800
258	95500
238	87300
198	73200
152	55000

167	61200
182	67700
176	65000
174	64500
168	62700
160	59500
148	55200
142	52800
136	50700
134	50100
132	49000
119	43900
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101	37200
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83	30500
86	31700
88	32100
91	32200
118	42100
138	49800
164	58900
176	63900
184	67500
194	71100
232	85700

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226	83600
220	80800
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102	36300
96	34100
93	33100
88	31500
80	28400
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82	29100
85	30400
94	33800
106	38400
110	39800
116	41900
127	45800
132	47600
141	50800

147	52900
150	54700
158	57600
167	61100
166	60600
166	60600
170	62000
167	61200
160	58600
159	57900
156	56600

MG_TOT_IMG_DIS_MAL_TOT	AL_DIS	AG_TOT	AG_DIS	AS_TOT	AS_DIS	AU_DIS	B_TOT
1930							
1790							
1790							
1850							
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1200							
1190							
1180							
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1130							
1190							
1340							
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1800	
1690	
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2080	
2170	
2200	
2120	
2080	
2090	
1910	
1970	
1950	
1820	
1800	
1840	
1950	
2290	
2210	
2220	
1970	1130
1960	202
1840	146
1560	77.6
1800	43.7
1780	40.5

1670	31.1
1780	26.9
1720	26.9
1680	25
1650	
1660	25.4
1620	
1520	38
1570	27.2
1520	
1380	
1490	29.7
1480	40.8
1350	199
1330	113
1250	66.6
1290	67.3
1310	65.4
1290	67.4
1320	136
1250	88.5
1220	82.6
1290	81.4
1280	87.3
1270	123
1050	255
1050	295
1040	210
1050	175
1090	145
1060	143
1100	142
1060	127
1120	105
1150	62.3
1120	64.5
1190	44.5
1220	29.8
1230	28.7
1390	56
1310	34.7
1360	34
1340	35.8
1320	30.6
1370	57.2
1450	27.6
1450	25.9

1490	28.8
1450	31.1
1440	28.3
1690	
1890	34.2
1830	
1850	
1860	
1760	
1730	
1780	
1780	
1950	
1960	
1760	27.3
1790	27.6
1740	25.3
1710	27.7
1670	27.6
1630	32.7
1610	33.8
1730	27.8
1840	
1990	
2190	
2190	
2200	
2220	
2050	
2100	
1940	
1970	
2160	
1950	26.5
1850	30.7
2000	26.2
2020	25.1
1950	26.8
1870	59.6
1830	28.5
1790	26.4
1960	
2040	
2070	
2140	
2160	
2280	

2280	
2180	
587	96.6
	102
2260	350
2560	104
2280	82.4
2150	55.8
2000	45.4
1690	47.1
1560	59.8
1330	47.6
1400	51.3
1440	47.8
1450	47.3
1220	45.6
1180	44.4
1210	48.9
1170	45.1
1180	56.2
1160	40.4
1220	39.8
1260	39.4
1250	33
1300	33.1
1620	62.9
1650	32.9
1760	37.1
2020	39.3
2180	42.8
2280	48.2
2230	49.6
2300	52.3
2320	51
2380	51.2
2250	56.1
2470	48.2
2600	48.4
2570	46.4
2720	44.1
2710	46.3
2630	48.7
2760	42.8
2790	46
2670	31.9
2760	53.4
2640	28.3

2530	
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2610	
2570	
2400	
2440	
2450	
2420	
2350	
2400	
2810	
2670	
2730	27.2
2810	30.7
2990	35.5
3030	39.2
3040	43
3010	42.2
2000	356
2180	152
2270	78.1
2370	64.2
2340	33.2
2170	42.5
2620	37.2
2560	40.6
2480	44.1
2560	29.3
2410	25.5
2280	42.2
2180	42.3
2220	40.1
2010	37.6
2040	50.6
1920	49.8
1890	37.2

1960	36.9
2000	42.1
1950	36.4
1930	37.2
1790	37.9
1810	42.8
1890	32.5
1800	32.7
2080	67.1
1830	52.4
1690	55.7
1760	53
1720	55.4
1730	62.4
1560	56.3
1660	57.9
1530	59.2
1600	66.9
1630	61.5
1540	62.4
1640	71.7
1570	82.4
1490	79.8
1440	79.8
1500	84.5
1400	90.9
1410	93.6
1470	98.1
1500	139
1310	115
1340	120
1380	125
1440	127
1420	127
1310	121
1310	122
1220	117
1280	122
1300	127
1220	141
1290	149
1220	140
1200	139
1240	143
1190	117
1350	103
1350	101

1340	98.9
1550	120
1770	81
1730	79
1810	77.4
1820	75
1790	74.9
1740	66.4
1760	76.9
1700	68.1
1890	56.1
2150	39.9
2340	37.1
2530	36.1
2490	37.9
2320	32.8
2200	32.1
2120	35.1
2070	38.3
1930	36
2030	39.3
2180	60.9
2250	28.3
2560	
2590	
2490	
2450	
2340	
2420	
2230	
2280	
2180	
2070	26.5
2260	30.7
2220	34.6
2350	42.5
2480	27.1
2430	29.8
3130	
3030	33
3070	33.1
2020	274
2080	74
1910	88.5
1920	89.4
1980	69.1
1890	69.8

1830	69.6
1850	72.5
1840	71.8
1880	78.8
4100	67.4
1820	79.4
1780	77.3
1760	84.1
1700	99.5
1620	86.1
1750	116
1670	88.4
1650	93
1670	104
1730	98.3
1780	86.1
1740	81.6
1690	83.2
1750	91.3
1570	94.3
1660	103
1610	99.3
1540	103
1560	106
1550	103
1550	97.3
1610	104
1560	108
1560	108
1580	116
1660	148
1700	127
1640	143
1710	93
1800	94.9
1970	97
2110	95.6
2210	91.8
2340	94.6
2180	90.9
2110	88
2080	85.8
2280	91.3
2230	90.3
2110	86.7
2240	89
2290	87.5

2190	84.3
2480	66.8
2760	63.5
3100	88.2
3090	65.9
3090	65.4
3320	54.5
3080	49.9
3180	49.7
3150	50.2
3070	49.8
3010	53.1
2720	54.9
2780	56.2
2720	57.4
2810	58.4
2580	62.3
2450	61.5
2320	64
2480	63.6
2600	59.9
2950	58.5
3200	49.6
3800	70.6
3250	36.6
3750	40.9
3770	39.2
3510	46.5
3250	40.3
3270	44.7
3160	55.4
2730	42.7
2770	49.1
2700	48
2890	47.3
2860	46.8
3080	74.4
2950	55.6
2930	61.1
3290	60.4
3160	58.8
3590	65.2
3640	64.2
3790	56.5
4030	56.5
4220	65.8
3310	117

3220	
3300	37.4
3490	36.7
3630	40.9
3280	37.6
3590	38.2
3670	41.9
3570	42.4
3710	
3580	
3810	67.8
3590	
3470	
3380	
3130	
3170	
3010	
3400	
3000	
2900	
2940	
2830	
2680	
2630	
2460	
2550	
2720	46
2570	38.8
2520	38.9
2290	34.2
2150	33.5
2040	32.6
1920	33.6
1760	36.7
1740	33.7
1640	31
1570	34.6
1760	42.8
1480	34.4
1490	35.8
1480	31.9
1360	34.7
1410	34.2
1390	37.6
1790	43.3
1690	44.6
1590	38.5

1930	44.6
1640	42.8
1450	44.2
1320	48.8
1150	50.9
1200	60
1240	61.7
1190	58
1430	62.8
1520	48.6
1640	41.8
1630	43
1450	45.9
1320	54.7
1180	55.8
1790	73.5
1920	72.5
1880	49.4
2500	49.5
3080	48.7
3090	62
2820	40.7
2790	42.1
2560	43.7
2340	44.2
2100	43.4
2120	50.6
1930	53.6
2160	32.3
2130	30.4
2120	66.4
2060	34.8
2240	102
2740	173
3230	268
3800	347
4000	396
3870	407
3830	459
3970	552
4510	585
4860	582
4820	583
4720	553
4690	544
3820	482
3630	116

3590	50.2
3330	33
3390	38.1
3220	35.4
2920	32.8
2830	34.1
2570	31.4
2450	31
2420	30.5
2380	30.1
2330	32
2350	32.4
2170	31.1
1920	29.8
1770	31.8
1610	31.9
1430	33
1350	31.2
1350	31
1610	84.2
1770	39.5
1630	35.1
1470	39.4
1310	37.8
1240	36.5
1480	34.7
1400	33.3
1310	32.2
1280	30.8
1810	29.7
2060	26.9
2530	34.7
2280	38.1
1990	29.1
1910	30.8
1650	27
1670	29.4
1740	28.1
1830	34.1
2650	96
3240	40.4
3370	64
3970	34
4010	31.4
3900	30.7
4080	29.6
4570	34.8

4650	49.2
4490	57.1
4170	65.2
4150	143
3030	2470
2680	101
2430	52
2500	51.4
2300	66.8
2060	81.6
1880	114
1690	169
1590	260
1590	272
1480	237
1460	180
1540	145
1510	122
1420	102
1600	505
1620	579
1660	589
1720	630
1900	687
2360	736
2380	677
2250	596
2380	643
2140	619
2010	657
1950	694
1860	732
1850	848
1880	1020
1860	1280
1850	1510
2070	2020
1950	2190
2150	2430
2200	2670
2400	2790
2520	2670
2650	2520
2810	2360
3170	2380
3270	2200
3310	1960

3520	1800
3480	1570
3560	1480
3610	1350
3740	1310
3650	1190
3710	1180
3540	1170
3470	1040
3480	1090
3480	1150

B_DIS	BR_DIS	SB_TOT	SB_DIS	BA_TOT	BA_DIS	BE_TOT	BE_DIS	CO_TOT	CO_DIS
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CD_TOT CD_DIS CU_TOT CU_DIS CR_TOT CR_DIS CN_TOT_NFE_TOT FE_DIS Ferrous

2.55

2.58

2.72

2.56

5.11

2.88

3.43

3.08

3.14

3.44

58.7

3.52

3.94

3.94

4.01

4.83

5.03

5.48

5.04

5.83

6.34

5.74

5.89

5.49

	5.91
0.543	5.78
0.517	5.58
0.661	5.82
0.689	6.35
0.739	6.63
0.701	4.2
0.846	3.61
0.821	5.12
0.849	3.61
0.713	3.1

0.737	
0.766	
0.899	3.04
0.883	3.18
0.936	3.42
1.07	
0.995	4.16
1.03	4.54
1.12	4.47
0.888	3.33
0.799	3.43
0.884	3.5
0.834	2.58
0.746	
1.01	2.52
0.853	3.58
1.1	2.93
1.16	3.11
1.15	3.66
1.06	3.35
1.1	3.26
1.15	3.47
0.795	3.57
1.04	2.73
0.759	
1.05	
0.569	23.8
0.633	

13.5
5.48
6.16
5.36
3.67
3.44

	10.3
0.558	8.4
0.589	5.28
0.571	5.86
0.661	5.2
0.684	5.61
1.25	7.18
0.792	6.12
0.751	5.57
0.932	5.48
0.937	6.07
0.951	10.2
1.19	16.8
1.02	20.5
0.773	17.3
0.584	14.1
0.679	19.8
	11.1
	11.3
	10.3
0.634	9.62
	7.31
	7.87
	6.8
0.542	6.13
0.54	6.52
	6.62
0.609	8.09
0.551	6.47
0.664	6.61
0.531	6.63
0.926	6.92
0.654	6.76
0.633	6.22

0.66	6.98
0.513	7.76
0.649	6.56
0.714	5.58
0.766	4.71
0.727	253
0.676	4.76
0.764	4.56
0.745	5
0.772	5.27
0.808	5.53
0.922	7.38
1.08	6.43
0.842	5.94
1.03	6.75
0.751	7.04
0.895	6.61
0.828	7.27
0.936	6.42
0.662	6.59
0.844	5.09
0.744	4.46
0.56	4.01
0.754	4.52
0.74	3.9
0.891	4.16
0.748	4.63
0.947	4.71
0.883	4.22
0.873	4.43
1.05	5.89
0.961	4.59
0.911	4.77
1.02	6.24
0.716	4.15
0.86	3.71
0.911	3.54
0.649	4.59
0.622	3.69
0.622	3.59
0.591	2.96
	15.2
0.501	2.71
0.541	2.62

	4.07
	4.31
0.908	30.7
0.994	30.7
0.869	18.6
1.05	7.49
0.774	7.53
0.708	27.9
0.613	2.82
	2.82
0.654	3.42
	3.03
0.602	3.21
	3.48
	3.09
	4.63
0.589	3.01
0.527	3.66
0.577	3.54
0.604	3.6
0.586	2.84
0.541	2.79
0.647	2.93
0.587	2.57
0.693	
0.598	2.7
0.801	3.34
0.724	3.58
0.79	3.4
0.901	3.69
0.888	3.84
0.747	4.05
0.955	4.13
1.02	4.34
1.06	4.4
0.971	4.38
0.955	4.7
0.985	4.96
1.1	5.6
1.14	5.26
1.25	6.34
1.35	5.3
1.29	5.39
1.25	4.99
1.48	5.99
1.35	4.8

1.35	4.32
1.21	4.19
1.14	3.76
1.33	4.21
1.29	4.1
1.28	3.2
1.38	2.96
1.44	2.88
1.27	2.57
1.57	
1.29	2.57
1.32	2.65
1.16	2.78
1.26	77.3
1.07	2.9
1.09	2.96
1.08	3.28
1.1	4.01
1.12	3.75
0.967	4.04
1.22	4.5
1.01	5.5
1.23	5.94
1.15	7.09
1.15	7.67
1.27	9.16
1.37	10.5
1.53	9.14
1.35	10.2
0.708	12.9
	3
	4.74

2.52

3.12

3.11

2.5

2.51

2.51

2.83

3.05

3.3

3.47

3.63

3.96

4.41

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4.18

4.05

3.86

3.88

4.2

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5.28

5.1

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5.42

4.59

4.83

4.46

4.57

5.12

4.1

4.24

4.1

4.02

3.67

0.538 4.04

0.521 3.98

0.552 3.31

0.642 2.86

0.562

0.731 2.73

0.729 2.92

0.69

0.741

0.598 2.68

2.64

2.64

2.6

0.701

0.642

0.837

0.589

0.743 2.54

0.768

0.657

0.688

0.727 6.22

0.769

0.594

0.68

0.628 3.02

0.785 2.98

0.623 2.65

0.778 2.52

0.831

0.873 4.6

7.24

4.48

13.4

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4.07
3.69
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4.57
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3.86
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4.38
4.04
4.28
4.37

4.17	
3.33	
3.35	
	3.77
	3.27
	3.41
	2.97
	3.05
	2.79
	3.85
	3.43
	3.11
	3.37
	3.11
	3.56
	3.79
	3.81
	5.75
	4.06
	6.43
	3.35
	2.86
	8.77
	2.97
	3.14
	6.24
	3.72
	3.58
	4.61
	3.76
	4.65
	4.31
	4.86
	4.4
	5.14
	6.04
	6.18
	7.41
	12.4
	8.8
	8.84
	8.17
	8.77
	11.9
1.34	

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1.29
1.01
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1.02

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0.703
0.597
0.654
0.714
0.686
0.515
0.646
0.715
0.715
0.862
0.683

0.84	
0.703	
0.762	
0.642	
0.582	
0.713	
0.619	
0.534	
0.614	
0.597	
0.776	
0.722	
0.691	
0.732	
0.702	
0.64	
0.67	
0.694	
0.961	
1.23	
1.33	
1.3	
1.1	
1.19	
1.21	
0.985	
1.09	
1.12	4.11
1.17	
1.17	
1.52	
1.18	
1.53	4.34
1.8	7.65
2.05	10.6
1.84	13.9
1.88	14.8
2.02	14.3
1.68	15.2
2.02	17.6
1.9	16.2
2.34	16.2
2.12	13.4
2.12	11.8
2.07	13.5
2.16	17.8
1.3	

1.05
1.21
1.14
1.34
1.14
1.1
1.03
0.973
0.952
0.852
0.773
0.776
0.729
0.615
0.505
0.503
0.511
0.508

0.654
0.599
0.523

0.517

0.506
0.646
0.773
1.03
1.07
0.911
0.879
0.927
0.798
1.02
0.987
1.04

1.34
1.77
1.54
1.45
1.67
1.77
1.98

2.1	
2.32	
2.19	7.83
2.23	27.2
	32.2

	5.77
0.773	11.7
0.525	12.8
0.561	10.4
0.553	6.48
0.561	4.46
0.666	2.77
0.612	
1.17	22.6
1.21	26.8
1.11	26.5
0.964	24.6
1.05	23.1
	18
0.966	16.6
0.797	14.2
0.841	13.6
0.787	13.9
0.78	15.2
0.654	14.9
0.754	15.9
0.743	16.3
0.835	18.9
1.16	21.7
1.02	25.8
1.1	27.9
1.1	32.7
0.948	36.4
0.957	39.9
1.16	38.6
1.31	43.9
1.36	32.5
1.31	27.1
1.26	22.4
1.32	22
1.56	20.4

1.37	16.8
1.48	15
1.19	13.6
1.16	12
1.46	12
1.42	11.8
1.46	11.3
1.46	11.9
1.35	11.1
1.2	10.5
1.13	11.1

HG_TOT	HG_DIS	LI_TOT	LI_DIS	MN_TOT	MN_DIS	NI_TOT	NI_DIS	PB_TOT	PB_DIS
								1.11	
								0.548	
								1.56	
								0.687	
								0.921	
								0.74	

7.55

0.632

4.24

75.7
22.5
12.5
6.83
5.63
5.15

4.92
4.31
4.28
4.32
4.3
4.59
5.08
5.16
6.3
6.51
8.23
10.5
10.6
17.9
9.88
8.33
8.19
7.93
7.72
7.91
8.15
9.58
11.1
11.7
12.8
15.5
11.3
8.27
6.26
6.11
4.83
4.79
4.44
3.44
2.11
2.08
1.58
1.38
1.28
1.42
1.52
1.25
1.16
1.2
1.25
1.19
1.09

2.39
4.39
2.6
1.09
2.61
58.9
1.25
0.958
0.861
0.752
0.782
1.88

0.69
0.788
0.792
0.672
0.833
0.782
0.676
0.673
0.605
0.666
0.635
0.614
0.688
0.676
0.711
0.579
0.575
0.687
0.685

0.799
0.955
0.706
0.608
0.635
1.14
1.05
1.02
0.964
0.937
1
0.962
0.969
1.29

1.53
1.57
2.41
2.39
10.1
1.37
0.943
26.9
0.896
0.898
1.52
0.705
0.817
0.786
0.75
1.43
0.726
0.692
0.523
0.61

0.502
0.522
0.51
0.617
0.531
0.543
0.538
0.52
0.516
0.531
0.566
0.781
1.96
0.671
2.51

16.1
0.502
0.56
0.664
0.702
0.9
1.06
1.27
1.72
1.97
2.66
3.14
3.7
5.26
4.58
4.58
5.09
1.9
1.3
0.813
0.531
0.542

0.59
0.69
0.74

0.625
0.593
0.514

0.64
0.549
0.564
0.635
0.78
0.71
0.744
0.907
1.07
1.12
1.15
1.02
1.45
1.52
1.6
2.23
1.9
1.97
2.15
2.47
2.64
2.87
2.73
2.8
2.81
3.05
3.36
3.27
3.15
3.02
2.9
2.25
1.57
1.45

1.32
1.48
0.895
0.82
0.858
0.701
0.584
0.592
0.573
0.624

0.722

0.571

0.62
0.539
1.26
4.39
0.915
1.13
1.24
0.973
0.924

0.915
0.912
0.984
1.07
2.28
1.11
1.16
1.26
1.47
1.57
2.09
1.4
1.41
1.63
1.56
1.42
1.37
1.56
1.78
2.05
2.17
2.24
2.38
2.39
2.41
2.68
2.45
2.27
2.26
2.42
2.41
2.27
1.86
1.5
1.49
1.22
1.06
1.07
1.1
1.17
1.1
1.07
1.12
1.08
1.03
1.03

0.956
0.886
0.962
1.01
0.774
0.78
0.953
0.732
0.692
0.692
0.731
0.736
0.794
0.839
0.835
0.893
0.851
0.862
0.942
0.871
0.789
0.705
0.584

0.525
0.704
0.683
0.76
0.864
0.825
0.922
0.903
0.982
0.865
1.23
1.24
1.18
1.16
1.22
1.57
1.71
1.75
1.92
2.21

0.504
0.67
0.756
1.02
1.33
1.26
1.56
0.682

0.774
2.4

0.697
4.98
51.6

0.883
1.39
1.09
0.84
0.745
0.594

5.2
8.91
10.4
14.9
17.2
12.4
10.2
9.81
10.3
12.4
15.1
13.9
12.9
13.6
14.3
16.8
19.8
22.5
24.8
28.7
33.3
30
25.4
21.2
17.8
14.7
13.2
12

10.6
9.48
8.23
8.2
8.64
9.01
9.43
10.2
9.86
9.88
12.6

SE_TOT	SE_DIS	SR_TOT	SR_DIS	TL_TOT	TL_DIS	V_TOT	V_DIS	ZN_TOT	ZN_DIS
								231	
								124	
								201	
								216	
								143	
								174	
								158	
								187	
								201	
								204	
								210	
								220	
								203	
								195	
								198	
								189	
								185	
								200	
								205	
								190	
								191	
								197	
								195	
								197	
								197	
								187	
								178	
								184	
								188	
								187	
								191	
								190	
								188	
								174	
								159	
								158	
								150	
								145	
								151	
								155	
								149	
								210	
								236	

240
285
299
309
322
327
314
312
292
241
236
217
251
279
335
352
359
353
372
374
338
309
304
321
331
371
383
396
437
424
432
420
411
391
374
318
284
231
217
183

114
128
117
121
124
117

117
109
111
104
105
107
105
92.8
115
92.5
94
92.3
82.9
151
179
196
201
203
212
244
225
229
230
238
252
288
274
230
197
181
178
181
176
177
175
175
206
236
235
233
239
240
233
242
242
268
274

276
282
278
255
278
592
294
302
304
326
343
344
332
339
351
345
355
355
339
348
304
276
248
289
321
363
353
357
381
389
373
376
367
357
476
291
305
300
246
236
231
210
204
185
178
168
156

142
134
186
191
427
371
357
343
300
275
279
274
300
286
292
286
295
283
288
298
299
295
301
298
296
276
279
284
301
329
353
374
398
415
448
470
505
528
556
603
617
602
622
631
624
564
556

538
493
494
478
454
449
424
423
430
398
394
397
391
383
379
369
372
362
366
376
376
384
403
428
429
459
467
478
493
124
76.5
48.5
52.4
36.1
49.2
38.2
43
46.9
50.6
51.1
46.9
40
40.1
39.6
60.7
36.8
41.7

48.9
49.2
54.2
62.3
61.1
63.5
64.9
75.2
70.4
65.8
58.5
56.8
59.8
60.1
60.2
74.6
67.4
81
86.1
85.8
83.5
123
84.7
80.2
89
89.2
85.7
89.3
91.8
87.9
90
90.7
88.7
86
86.4
85
83.1
85.6
85.2
83.1
81
82.5
80
81.6
89.8
107
103

101
109
129
132
137
147
148
148
153
147
160
172
190
218
231
219
217
198
181
175
178
167
195
225
214
222
232
223
235
235
242
235
181
177
190
190
190
205
241
282
272
72.9
23.2
26.8
30.6
23.3
25.2

24.4
26.1
25.4
26.9
99.9
27.1
27.9
29.3
33.2
33.6
33.4
30.6
33.5
34.3
34.9
36.4
35.3
38.1
38.8
40.3
42.8
43.3
42.4
45.8
49
53.4
50.8
51.3
52.3
56
53.6
59
82
64.3
69.2
68.4
69.9
67.2
64.7
60.8
59.6
61.7
72.4
71.1
69.4
77.7
77.8

76.8
84.8
93.6
90.1
93
96.3
112
112
115
118
113
111
95.6
98.1
96.8
91.1
82
79
75.7
80.6
89.3
93.1
99.6
93.8
89.3
115
107
176
123
107
106
90.2
88.5
82.1
81.4
74.9
61.1
60.7
62.2
71.1
77.2
87.6
90.4
102
107
106
368

457
393
515
521
461
447
481
484
500
487
471
466
465
452
435
442
387
402
395
385
371
344
347
350
338
341
348
333
310
324
329
313
294
274
256
263
232
231
225
235
250
228
240
267
255
263
285

272
286
265
246
221
221
224
236
222
244
270
292
258
227
246
220
244
275
358
459
504
510
485
465
431
399
354
398
358
455
479
402
563
648
679
747
740
748
752
823
868
891
936
934
890
744
485

408
503
435
418
374
363
326
326
300
266
256
237
228
212
181
162
144
151
158
165
180
173
154
148
142
162
168
161
185
260
322
323
320
306
281
279
285
292
298
280
374
457
498
545
574
717
840

952
947
954
902
304
34.5
27
24.7
22.6
30.1
56.4
94.7
152
176
190
191
178
168
166
381
438
406
418
410
356
347
327
314
301
294
295
286
303
328
349
374
386
417
467
476
511
540
537
531
512
548
511

529
535
546
574
570
565
575
587
565
532
523

%

DIS_OXY_NDO SAT. TSS_MG TDS_MG T_PHOS_MP_DIS_MGPO4_DIS_NSI_TOT_MSI_DIS_MGNA_TOT_N

as N

NA_DIS_MCL_MG F_MG HCO3_MGCO3_MG OH_MG NH3_MG NO2_MG NO3_MG NO2_NO3_

K_TOT_MCK_DIS_MGSO4_MG BI_TOT BI_DIS GA_TOT GA_DIS MO_TOT MO_DIS SN_TOT

						meq/L	meq/L	meq/L			
SN_DIS	TI_TOT	TI_DIS	ZR_TOT	ZR_DIS	SiO2_TOT	iSiO2_Dis	mSum	Cation Sum	Anions	Charge	Balance

feet	feet	abv. Grd.	column	DOC
Sampler	Well Depth	Water level	Casing	water

Lab. Samp|Lab. ProjecReport I. D.

mostly WC

<u>Lab Name</u>	<u>Lab. Desig</u>	<u>Lab Job #</u>	<u>BASIN</u>	<u>NEW SITE</u>	<u>STRM</u>	<u>DESITE</u>	<u>DESITE</u>	<u>DESIG</u>	<u>OLD SITE</u>	<u>D</u>
A830-0715				Howardsville gage			A55			
A830-0716				Animas Abv Arrastra			A56			
A830-0717				Mouth of Arrastra			A58			
A830-0718				Animas blw Arrastra			A60			
A830-0719				Animas abv Boulder			A61			
A830-0720				Animas blw Boulder & Aspen trib			A64			
A830-0721				Animas opp. Power House			A65			
A830-0722				Animas @ Lakawanna bridge			A66			
A830-0723				Animas Gage @ 14th St. Silverton			A68			
A830-0724				Animas Gage blw Silverton			A72			
A830-0725				Animas upstream of Elk Cr.			A73			
A830-0726				Animas upstream of Cascade Cr.			A75D			
A830-0727				Bakers Bridge			Bbridge			
085M-0093				Howardsville gage			A55			
085M-0094				Animas Abv Arrastra			A56			
085M-0095				Mouth of Arrastra			A58			
085M-0096				Animas blw Arrastra			A60			
085M-0097				Animas abv Boulder			A61			
085M-0098				Animas opp. Power House			A65			
085M-0099				Animas @ Lakawanna bridge			A66			
085M-0100				Animas Gage @ 14th St. Silverton			A68			
085M-0101				Animas Gage blw Silverton			A72			
085M-0102				Animas upstream of Elk Cr.			A73			
085M-0103				Animas Dwnstream of Cascade Cr.			A73B			
085M-0104				Mouth of Cascade Cr.			A75CC			
085M-0105				Animas upstream of Cascade Cr.			A75D			
085M-0106				Mouth of Elk Cr.			A75EC	A73EC		
085M-0107				North End of Durango			Animas @32nd Bridge			
085M-0108				Near Highway split in Durango			Animas @Lightner Creek			
085M-0109				South Durango near Home Depo			Animas @Purple Cliffs			
085M-0110				Bakers Bridge			Bbridge			
085M-0112				Between Bakers & Trimble			JamesRanch			
085M-0113				Mineral Gaging Stn			M34			

Herron, SGC, USGS, CRW, ARSG

(often previous site designations)

DATE	TIME_24HR	AGENCY	COMMENT	TYPE
4/16/2014	8:15			
4/16/2014	13:40			
4/16/2014	13:00			
4/16/2014	12:30			
4/16/2014	11:30			
4/16/2014	11:00			
4/16/2014	10:00			
4/16/2014	9:30			
4/16/2014	7:00			
4/14/2014	17:00			
4/15/2014	10:00			
4/15/2014	14:00			
4/15/2014	15:45			
9/23/2014	8:45			
9/23/2014	13:50			
9/23/2014	12:35			
9/23/2014	10:40			
9/23/2014	15:35			
9/25/2014	11:50			
9/25/2014	10:00			
9/25/2014	16:40			
9/25/2014	16:00			
9/25/2014	11:30			
9/25/2014	10:00			
9/24/2014	13:40			
9/24/2014	14:00			
9/25/2014	10:40			
9/25/2014	15:40			
9/24/2014	12:05			
9/24/2014	11:15			
9/25/2014	16:35			
9/24/2014	14:15			
9/25/2014	16:00			

PURPOSE	LAT_DD	LONG_DD	ELEV_FT	flow_CFS daily mean	FLOW_CFS	ST_Q_GPM	PH	pH-lab	TEMP_C
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	as CaCO3=	mg/l	Mg/l	Mg/l		Totals			
field Cond.	lab cond.	HARD_MG	Field Alk	Phen_Alk	Total alk.	ACIDITY	CA_TOT_MCa	DIS_MCa	as CaCC
	134						49000		
	136						49500		
	109						40400		
	158						57600		
	853						279000		
	141						54300		
	349						127000		
	141						50900		
	149						53900		
	256						92400		
	185						65600		
	135						47200		
	125						41200		
	112						40400		
	129						46400		
	78						28900		
	340						121000		
	831						275000		
	389						143000		
	118						42900		
	121						43400		
	160						56800		
	151						53400		
	49						15000		
	82						25300		
	96						33500		
	25						6180		
	252						85900		
	596						132000		
	271						88500		
	99						34200		
	93						31300		
	139						47800		

<u>MG_TOT_IMG_DIS_MAL_TOT</u>	<u>AL_DIS</u>	<u>AG_TOT</u>	<u>AG_DIS</u>	<u>AS_TOT</u>	<u>AS_DIS</u>	<u>AU_DIS</u>	<u>B_TOT</u>
2900							
3050		23.8					
1980		30.4					
3430		20.9				0.547	
38200		6170					
1220							
7410		675					
3370							
3570		42.2					
6150		517					
5090		29.2					
4140		27.7					
5460		47					
2670							
3110		28.4					
1380							
9440		119					
34800		4380					
7800		401					
2710							
3000		42.8					
4360		46.9					
4170		23.3					
2720							
4500		103					
3070		40					
2300		43.2					
9090		21.1				8.05	
64800		41				3.47	
12100		35.2				3.74	
3400						1.36	
3600		28.2					
4750		45.7					

B_DIS	BR_DIS	SB_TOT	SB_DIS	BA_TOT	BA_DIS	BE_TOT	BE_DIS	CO_TOT	CO_DIS
				20.4					
				21.8					
				27.3					
				21.7					
					2.8				
				11.2					
				13.5			0.234		
				12.9			0.136		
				14.4			0.644		
				31			0.222		
				21.6			4.34		
				16.9			0.511		
				28.8			0.876		
				16.8					
				31.9			0.148		
				21					
						1.57			
				15.9					
				22			0.283		
				25.2			3.16		
				46					
				54.5					
				69.5			0.295		
				17.6			0.892		
				40					
				108			0.22		
				94.6			0.843		
				195			1.44		
				19.2			0.328		
				26.9			0.1		
			0.571		21.3		0.253		

CD_TOT	CD_DIS	CU_TOT	CU_DIS	CR_TOT	CR_DIS	CN_TOT_NFE_TOT	FE_DIS	Ferrous
	0.197		16.5		1.05			
	0.232		1.3					
	1		5.18		1.14			
	0.809		1.41					
	100		2250					
	0.279		1.83					
	21.8		51.8		1.09			
	0.546		1.4		1.83			
	1.67		3.46					
	2.98		8.07					
	2.03		2.28				341	
	0.387		1.67					
	0.334		2.21		1.15			
	0.161		1.4					
	1.16		4.15					
	0.983		4.32					
	3.86		2.67					
	106		102					
	22		47.2					
	0.296		1.27					
	1.06		4.13					
	1.4		2.87				338	
	0.374		1.18					
			0.915					
			1.57					
	0.786		2.6				107	
				4.73			6050	
					3.23		8380	
							1260	
	0.106		3.12					954
	0.162		1.78					
	0.127		1.18					

<u>HG_TOT</u>	<u>HG_DIS</u>	<u>LI_TOT</u>	<u>LI_DIS</u>	<u>MN_TOT</u>	<u>MN_DIS</u>	<u>NI_TOT</u>	<u>NI_DIS</u>	<u>PB_TOT</u>	<u>PB_DIS</u>
				4.87				0.964	
								1.09	
				78300		77.5		13.4	
				4.27					
				18300		9.89		2.04	
				226				0.123	
				1540					
				448		1.95		0.453	
				1870		1.19			
				185					
				325					
				4.85					
				689				0.523	
								0.964	
				6.46					
				108000		41.3		58.8	
				16200		13.4		0.579	
				2.57					
				590				0.258	
				995		1.31			
				2.45		1.35			
				3.37		0.581			
				25.9		2.13		0.119	
				290		1.52		0.205	
						1.25			
				2690					
				766					
				5870		0.85		0.193	
				75.1				2.19	
				12.1				0.174	
				27.6					

SE_TOT	SE_DIS	SR_TOT	SR_DIS	TL_TOT	TL_DIS	V_TOT	V_DIS	ZN_TOT	ZN_DIS
			464					128	
			461					124	
1.16			539					136	
			571					353	
			1610					29900	
			582					264	
			1140					6060	
			481					307	
			497					675	
			898					1630	
			599					709	
			417					173	
			318					115	
			382					73	
			444					463	
			395					125	
			616					1630	
			1330					31100	
			1310					4760	
			417					179	
			456					294	
			576					407	
			542					362	
			135					32.9	
			157						
			303					190	
			46.5						
			656					10.6	
			1550					10	
			896					13.3	
			282					65.1	
			263					46.7	
			343					48.2	

%
DIS_OXY_NDO SAT. TSS_MG TDS_MG T_PHOS_MP_DIS_MGPO4_DIS_NSI_TOT_MSI_DIS_MGNA_TOT_N

as N

NA_DIS_MCL_MG	F_MG	HCO3_MG	CO3_MG	OH_MG	NH3_MG	NO2_MG	NO3_MG	NO2_NO3_
2160								
2320								
2640								
2590								
10400								
2150								
3980								
2240								
2380								
4880								
3620								
2840								
2920								
1670								
1750								
1540								
5420								
8380								
4210								
1880								
2040								
2740								
2720								
1050								
2390								
1660								
604								
13100								
25200								
15200								
1650								
2700								
2690								

<u>K_TOT</u>	<u>MCK_DIS</u>	<u>MGSO4_MG</u>	<u>BI_TOT</u>	<u>BI_DIS</u>	<u>GA_TOT</u>	<u>GA_DIS</u>	<u>MO_TOT</u>	<u>MO_DIS</u>	<u>SN_TOT</u>
682									
712									
644									
634									
5240									
519									
2800									
632									
681									
1220									
927									
1010									
818									
516									
1470									
474									
1260									
6680									
3270									
568									
679									
791									
924									
529									
820									
894									
459									
2610									
4140									
3490									
591									
896									
547									

						meq/L	meq/L	meq/L	
<u>SN_DIS</u>	<u>TI_TOT</u>	<u>TI_DIS</u>	<u>ZR_TOT</u>	<u>ZR_DIS</u>	<u>SiO2_TOT</u>	<u>tSiO2_Dis</u>	<u>mSum</u>	<u>Cation Sum</u>	<u>Anions Charge Balance</u>

feet	feet	abv. Grd.	column	DOC
Sampler	Well Depth	Water level	Casing	water
